





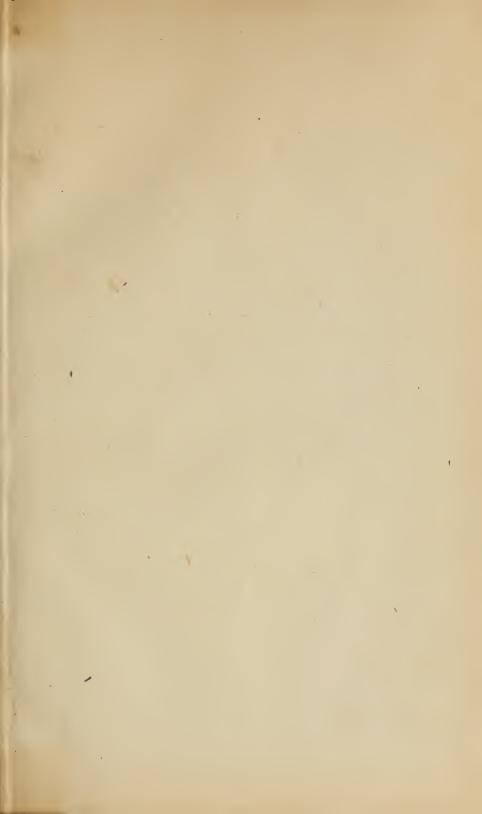
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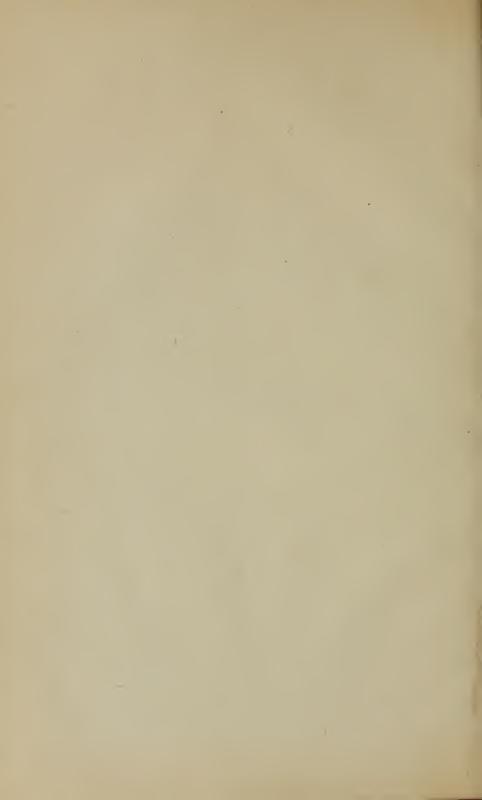
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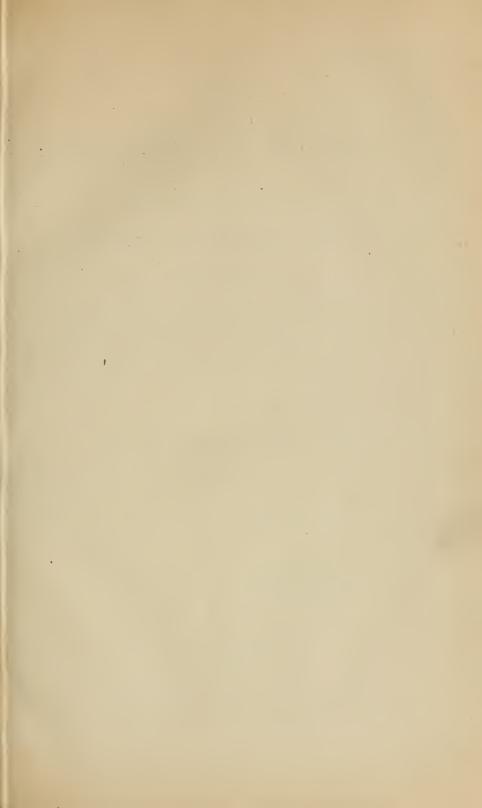
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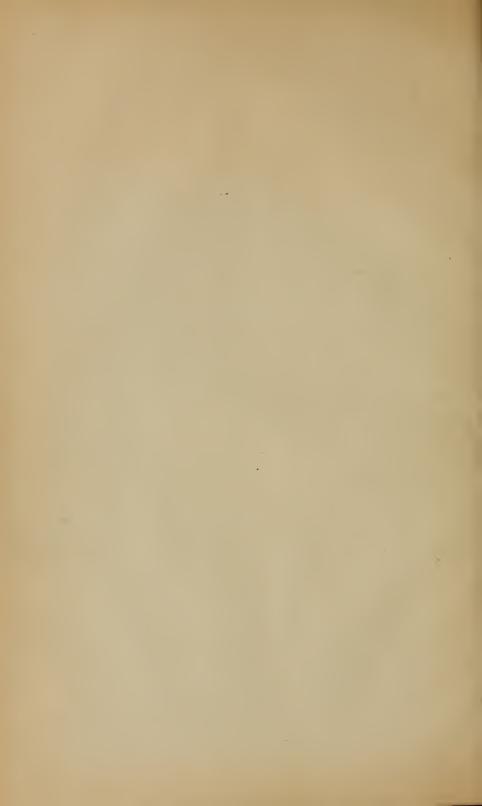
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THE PEOPLE'S

COMPREHENSIVE INTEREST TABLES,

· AT SEVEN PER CENT,

SHOWING THE CORRECT INTEREST

ON ANY SUM, FROM

Eleven Cents to One Thousand Dollars,

ONE DAY TO THREE YEARS.

ALSO THE

RIGHTS, DUTIES AND OBLIGATIONS

OF PARTIES TO

Commercial Paper, &c., &c.



SYRACUSE:
HITCHCOCK & SMITH, PRINTERS.
1870.

HG1630 .07 .P4

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In the Clerk's Office of the District Court for the Northern District of New York.

INTRODUCTION.

In presenting this little work as an aspirant for public favor, the author designs that it shall fill an important niche in the elucidation of business transactions and the arithmetical computations they involve. It is believed that no other publication comprehends the same amount of information that is found in its pages, and presents it in so concise and convenient a form. Much care and labor have been devoted to obtain correct and adequate information pertaining to mercantile and commercial transactions, and to systemize and arrange it in clear and concise, yet exact and comprehensive statements. The desirableness of rendering it as inexpensive as was compatible with its excellent mechanical execution, and thus make it of universal utility by bringing it within the reach of all, has not been overlooked. The low price at which the book is afforded is not at all commensurate with the immense value which the information it contains will prove to its possessor. Much of the matter is new and original, while the remaining part, though contained in other works, which, however, are so expensive as to place them beyond the reach of those who most need it, is diffused through them with so little connection of subject matter and obscured by other extraneous subjects, literary verbiage and confusing technicalities, as to render it inconvenient for reference and of little practical utility. The object and effort has been to obviate this difficulty by combining in as small a compass as practicable all that is essential to and desirable in the elaboration of this principle. All the matter has been prepared with especial reference to this work; and the advantage which obtains from a thorough intimacy therewith, cannot be over-estimated. The interest tables here introduced, which have never before been published, are especially worthy of attention. They not only occupy but one-fifth the space, and hence are more convenient for reference, but are equally comprehensive, and, it is believed, reliable (as they have been subjected to a rigid comparison and revision,) as the famous "Preston's Interest Tables," which have acquired such merited notoriety. The simple rule for computing interest, which is subjoined, is new and as valuable as new. It needs only a glance at its method to convince any one of its great utility and universal application to all problems in interest. It not only dispenses with the frequently vexatious complications of the ordinary methods, but very largely economizes in time and labor. The treatise on commercial paper embraces principles with which few are familiar, but which all so urgently need. It will prove an invaluable assistant. The author feels assured that the entire work will commend itself to a discriminating public, and will receive from it that meed that it merits. With the conviction that it is a needed and hence will prove a useful link in the chain of commercial treatises, he launches it upon the sea of commerce, and trusts that it will meet with a cordial reception and achieve the object for which it is projected.

EXPLANATION

TO THE PEOPLE'S COMPREHENSIVE INTEREST TABLES.

The Principal is at the head of the column; the Time and Interest in two parallel columns directly beneath. The Interest, as given, is for the sum in heavy figures. The additional Principals over the one named in each column, are ten times the one named, or one-tenth or one-hundredth of the same. To find the interest of any sum in heavy figures, find the number representing the Principal, and in the column of Time find the time required, and at the right is the interest.

Example.—To find the interest of \$100 for 11 months, find \$100 in heavy figures, and in the column of Months the number 11, at the right, on the same line, \$6.417, the interest required. To find the interest of the other principals in the same column: for \$1,000, remove the decimal point one place to the right, making \$64.17. To find the interest of \$10, remove the point one place to the left, making \$.6417. The interest of one dollar is one-tenth of this, or \$.064. The figures less than mills may be rejected. It may be carried still farther, finding the interest of ten cents to be .0064.

Example 2d.—To find the interest of \$92 for three years: look for this number in heavy figures, and in the column of Years below, find 3, at the right, is \$19.820. The interest of \$920 is \$193.20, the decimal point being removed one place to the right. The interest of \$9.20 is \$1.932, the decimal point being removed one place to the left. The interest of \$.92 is \$1.932, the point being removed two places to the left. To find the interest for mixed time: Example, What is the interest of \$89 for two years, seven months and sixteen days? By referring to the table we find the

| Interest | of | \$89 | for | two years,\$ | 12.460 |
|----------|-----|------|-----|---------------|--------|
| 44 | 6.6 | 66 | 66 | seven months, | 3.634 |
| 46 | 44 | 66 | 66 | sixteen days, | .273 |
| | | | | | |

| Interest of | \$\$40 for two | - 11 | 17.60 .56 |
|-------------|----------------|------|------------------|
| 44 44 | .92 " | " | .128 |

Interest of \$844.92 for two years is......\$118.288

To find the interest at six per cent., subtract one-seventh of the interest at seven per cent. from that sum; at eight per cent. add one-seventh. In this manner the interest at any rate may be found, by adding or subtracting as many sevenths as the required rate is greater or less than seven.

THE PEOPLE'S COMPREHENSIVE INTEREST TABLES,

AT SEVEN PER CENT.

ONE DAY TO THREE YEARS.

| \$1.10 | | \$1.12 | | \$1.30 | | .14 | | .15 |
|---|----|---|----|---|-----|--|----|--------------------|
| \$1.10 | | \$1.12 | | \$1.30 | | \$1.40 | | \$1.50 |
| \$110.00 | | \$120.00 | ., | \$130.00 | ., | \$140.00 | ., | \$150.00 |
| Days \$11 | * | Days \$12 | * | Days \$13 | * | Days \$14 | * | Days \$15 |
| 1 .002 | | 1 .002 | | 1 .002 | | 1 .003 | | 1 .003 |
| 2 .004 | | 2 .005 3 .007 | | 2 .005 | | 2 .005 | | 2 .006 |
| 3 .006 | | 3 .007 | | 3 .007 | | 3 .008 | | 3 .009 |
| $\begin{array}{c cccc} 1 & .002 \\ 2 & .004 \\ 3 & .006 \\ 4 & .008 \\ 5 & .011 \\ 6 & .013 \\ 7 & .015 \\ 8 & 017 \end{array}$ | | 4 .009 | | 4 .010 | | 4 .011 | | 4 .012 |
| 5 .011 | | 5 .012 | | 5 .012 | | 5 .013 | | 5 .014 |
| 6 .013 | | 6 .014 | | 6 .015 | | 6 .016 | | 6 .017 |
| 7 .015 | | 7 .016 | | 7 .017 | | 7 .019 | | 7 .020 |
| 8 017 | | 8 .018 | | 8 .020 | | 8 .021 | | 8 .023 |
| 9 .019 | | 9 .021 | | 9 .022 | | 9 .024 | | 9 .026 |
| 10 .021 11 .023 | | $ \begin{array}{ccc} 10 & .023 \\ 11 & .025 \end{array} $ | | $\begin{bmatrix} 10 & .025 \\ 11 & .027 \end{bmatrix}$ | | $ \begin{array}{c cccc} 10 & .027 \\ 11 & .030 \end{array} $ | | 10 .029 11 .032 |
| $\begin{array}{c c} 11 & .025 \\ 12 & .025 \end{array}$ | | $\begin{vmatrix} 11 & .025 \\ 12 & .028 \end{vmatrix}$ | | 12 .030 | | 11 .030 12 .032 | | 12 .035 |
| 13 .027 | | 13 .030 | | 13 .032 | | 13 .035 | | 13 .037 |
| 14 .030 | 1 | 14 .032 | | 14 .035 | | 14 .038 | | 14 .040 |
| 15 .032 | | 15 .035 | | 15 .037 | | 15 .040 | | 15 .043 |
| 16 .034 | | 16 .037 | | 16 .040 | | 16 .043 | | 16 .046 |
| 17 .036 | | 17 .039 | | 17 .042 | | 17 .046 | | 17 .049 |
| 18 .038 | | 18 .041 | | 18 .045 | | 18 .048 | | 18 .052 |
| 19 .040 | | 19 .044 | | 19 .047 | | 19 .051 | | 19 .055 |
| 20 .042 | | 20 .046 | | 20 .050 | | 20 .054 | | 20 .058 |
| 21 .044 | | 21 .048 | | 21 .052 | | 21 .056 | | 21 .060 |
| 22 .046 | | 22 .051 | | 22 .055 | | 22 .059 | | 22 .063 |
| 23 .049 | | 23 .053 | | 23 .057 | | 23 .062 | | 23 .066 |
| 24 .051 | | 24 .055 | | 24 .060 | | 24 .064 | | 24 .069 |
| 25 .053 | | 25 .058 | | 25 .062 | | 25 .067 | | 25 .072 |
| 26 .055 | | 26 .060 | | $\begin{array}{ccc} 26 & .065 \\ 27 & .067 \end{array}$ | | 26 .070 | | 26 .075 |
| 27 .057 | | 27 .062 28 .064 | | | | 27 .072 | | 27 .078 28 .081 |
| 28 .059 29 .061 | | $\begin{vmatrix} 28 & .064 \\ 29 & .067 \end{vmatrix}$ | | 28 .070 29 .072 | | 28 .075 29 .078 | | 28 .081 29 .083 |
| 30 .063 | | 30 .069 | | 30 .075 | | 30 .081 | | 30 .086 |
| | * | | * | <u> </u> | -%- | | * | |
| Mo | 7, | Mo | | MO | ** | Mo | N. | MO |
| 1 .064 | | 1 .070 | | 1 .076 | | 1 .082 | | 1 .088 |
| 2 .128 | | 2 .140 3 .210 | | 2 .152 3 .228 | | 2 .163 | | 2 .175 3 .263 |
| 3 .193 | | | | 3 .228 | | 3 .245 | | |
| 4 .257 | | 4 .280 | | 4 .303 5 .379 6 .455 | | 4 .327 | | 4 .350 |
| 5 .321 | | 5 .350 | | 5 .379 | | 5 .408 6 .490 | | 5 .438 6 .525 |
| $\begin{array}{ccc} 6 & .385 \\ 7 & .449 \end{array}$ | | | | | | | | |
| 8 .513 | | 7 .490 8 .560 | | 7 .531 8 .607 | | 7 .572 8 .653 | | 7 .613 8 .700 |
| 1 .064 2 .128 3 .193 4 .257 5 .321 6 .385 7 .449 8 .513 9 .578 | | 9 .630 | | 9 .683 | | 9 .735 | | 9 .788 |
| 10 .642 | | 10 .700 | | 10 .758 | | 10 .817 | | 10 .875 |
| 11 .706 | | 11 .770 | | 11 .834 | | 11 .898 | | 11 .963 |
| YS | * | | * | YS | * | | * | YS |
| | | YS | | | | YS | | |
| 1 .770 | | 1 .840 | | 1 .910 | | 1 .980 | | 1 1.050 |
| $\begin{array}{c c} 2 & 1.540 \\ 3 & 2.310 \end{array}$ | | $\begin{vmatrix} 2 & 1.680 \\ 3 & 2.520 \end{vmatrix}$ | | 2 1.820 3 2.730 | | 2 1.960 | | 2 2.100 3 3.150 |
| 3 2.310 | | 3 2.520 | | 3 2.730 | | 3 2.940 | | 3 3.150 |
| | | | | | | | | |

| .16 | | 1 .17 | | .18 | | .19 | | .20 |
|--|---|--|---|---|---|--|---|--------------------|
| \$1.60 | | \$1.70 | | \$1.80 | | \$1.90 | | \$2.00 |
| \$160.00 | | \$170.00 | | \$180.00 | K | \$190.00 | | \$200.00 |
| Days \$16 | * | Days \$17 | * | Days! \$18 | * | Days \$19 | * | Days \$20 |
| | | 1 .003 | | 1 .003 | | 1 .004 | | 1 .004 |
| 2 .006 | | 2 .007 | | 2 .007 | | 2 .007 | | 2 .008 |
| 3 .009 | | 3 .010 | | 3 .010 | | 3 .011 | | 3 .012 |
| 1 .003 2 .006 3 .009 4 .012 5 .015 6 .018 7 .021 | | 4 .013 | | 4 .014 | | 4 .015 | | 4 .015 |
| 5 .015 | | 5 .016 | | 5 .017 | | 5 .018 6 .022 | | 5 .019 |
| 6 .018 | | 6 .020 | | 6 .021 | | 6 .022 | | 6 .023 |
| 7 .021 | | 7 .023 | | 7 .024 | | 7 .026 | | 7 .027 |
| 8 .025 9 .028 | | 8 .026 | | 8 .028 | | 8 .029 | | 8 .031 |
| 9 .028 | | 9 .029 | | 9 .031 | | 9 .033 | | 9 .035 |
| 10 .031 | | 10 .033 | | 10 .035 | | 10 .036 | | 10 .038 |
| 11 .034 | | 11 .036 | | 11 .038 | | 11 .040 | | 11 .042 |
| 12 .037 | | 12 . 039 | | 12 .041 | | 12 .044 | | 12 .046 |
| 13 .040 | | 13 .042 | | 13 .045 | | 13 .047 | | 13 .050 |
| 14 .043 | | 14 .046 | | 14 .048 | | 14 .051 | | 14 .054 |
| 15 .046 | | 15 .049 | | 15 .052 | | 15 .055 | | 15 .058 |
| 16 .049 | | 16 .052 | | 16 .055 | | 16 .058 | | 16 .061 17 .065 |
| 17 .052 | | 17 .055 | | 17 .059 | | 17 .062 | | 17 .065 18 .069 |
| 18 .055 | | 18 .059 19 .062 | | 18 .062 19 .066 | | 18 .066 19 .069 | | 19 .073 |
| 19 .058 | | 20 .065 | | 20 .069 | | 20 .073 | | 20 .077 |
| 20 .061 21 .064 | | 21 .068 | | 21 .072 | | $\begin{bmatrix} 20 & .013 \\ 21 & .077 \end{bmatrix}$ | | 21 .081 |
| 22 .068 | | $\begin{bmatrix} 21 & .003 \\ 22 & .072 \end{bmatrix}$ | | $\frac{21}{22}$.076 | | 22 .080 | | 22 .084 |
| 23 .071 | | 23 .075 | | 23 .079 | | 23 .084 | | 23 .088 |
| 24 .074 | | 24 .078 | | 24 .083 | | 24 .087 | | 24 .092 |
| 25 .077 | | $\frac{1}{25}$.082 | | 25 .086 | | 25 .091 | | 25 .096 |
| 26 .080 | | 26 .085 | | 26 .090 | | 26 .095 | | 26 .100 |
| 26 .080 27 .083 | | 27 .088 | | 27 .093 | | 27 .098 | | 27 .104 |
| 28 .086 | | 28 .091 | | 28 .097 | | 28 .102 | | 28 .107 |
| 29 .089 | | 29 .095 | | 29 .100 | | 29 .106 | | 29 .111 |
| 30 .092 | | 30 .098 | | 30 .104 | | 30 .109 | | 30 .115 |
| Mo | * | Mo | * | MO | * | M0 | * | Mo |
| | | 1 .099 | | 1 .105 | | 1 .111 | | 1 .117 |
| | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 2 .210 | | 2 .222 | | 2 .233 |
| 3 .280 | | 3 .298 | | 3 .315 | | 2 .222 3 .333 4 .443 | | 3 .350 |
| 4 .373 | | 4 .397 | | 4 .420 | | 4 .443 | | 4 .467 |
| 5 .467 | | 5 .496 | | 5 .525 | | 5 .554 | | 5 .583 |
| 6 .560 | | 6 .595 | | 6 .630 | | 6665 | | 6 .700 |
| 7 .653 | | 7 .694 | | 7 .735 | | 7 .776 | | 7 .817 |
| 2 .187 3 .280 4 .373 5 .467 6 .560 7 .653 8 .747 | | 8 .793 | | 8 .840 | | 8 .887 | | 8 .933 |
| 9 .840 | | 9 .893 | | 9 .945 | | 9 .998 | | 9 1.050 |
| 10 .933 | | 10 .992 | | 10 1.050 | | 10 1.108 | | 10 1.167 |
| 11 1.027 | | 11 1.091 | | 11 1.155 | | 11 1.219 | | 11 1.283 |
| YS | * | Ys | * | Ys | * | Ys | * | YS |
| $\frac{15}{1}$ 1.120 | | $\frac{10}{1}$ 1.190 | | $\frac{10}{1}$ 1.260 | | $\frac{15}{1}$ 1.330 | ^ | 1 1.400 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 2 2.380 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 2 2.660 | | 2 2.800 |
| 3 3.360 | | 3 3.570 | | 3 3.780 | | 3 3.990 | | 3 4.200 |
| 01 0.000 | | 1) 0, 0.010 | | 3, 000 | | 3. 3.00011 | | |

Habits of a Man of Business.

A sacred regard to the principles of justice forms the basis of every transaction, and regulates the conduct of the upright man of business.

He is strict in keeping his engagements. Keeps his designs and business from the view of others. Keeps everything in its proper place. Does nothing carelessly or in a hurry.

| .26 | | .27 | | .28 | | .29 | | .30 |
|--|---|--------------------|----|--|-----|--|-----|--|
| \$2.60 | | \$2.70 | | \$2.80 | | \$2.90 \$290.00 | | \$3.00 |
| \$260.00 | * | \$270.00 | * | 11. " | * | 1 | * | \$300.00 |
| Days \$26 | 1 | Days \$27 | ** | Daysi \$28 | * | Days \$29 | .74 | Days \$30 |
| 1 .005 | | 1 .005 | | 1 .005 | | 1 .006 | | 1 .006 |
| 2 .010 | | 2 .010 | | 2 .011 | | 2 .011 | | 2 .012 3 .017 |
| 3 .015 | | 3 .016 4 .021 | | 3 .016 | | 3 .017 | | 3 .017 |
| $\begin{array}{ccc} 4 & .020 \\ 5 & .025 \end{array}$ | | 5 .026 | | 4 .021 5 .027 | | 4 .022 5 .028 | | 4 .023 5 .029 |
| 6 .030 | | 6 .031 | | 6 .032 | | 6 .033 | | 6 .035 |
| 7 .035 | | 7 .036 | | 7 .038 | | 7 .039 | | 7 .040 |
| 1 .005 2 .010 3 .015 4 .020 5 .025 6 .030 7 .035 8 .040 9 .045 | | 8 .041 | | 8 .043 | | 8 .044 | | 8 .046 |
| 9 .045 | 1 | 9 .047 | | 9 .048 | | 9 .050 | | 9 .052 |
| 10 .050 | | 10 .052 | | 10 .054 | | 10 .056 | | 10 .058 |
| 11 .055 | | 11 .057 | | 11 .059 | | 11 .061 | | 11 .063 |
| 12 .060 | | 12 .062 | | 12 .064 | | 12 .067 | | 12 .069 |
| 13 .065 | | 13 .067 | | 13 .070 | | 13 .072 | | 13 .075 |
| 14 .070 | | 14 .072 | | 14 .075 | | 14 .078 | | 14 .081 |
| 15 .075 | | 15 .078 | | 15 .081 | | 15 .083 | | 15 .086 |
| 16 .080 17 .085 | | 16 .083 17 .088 | | 16 .086 17 .091 | | $\begin{vmatrix} 16 & .089 \\ 17 & .095 \end{vmatrix}$ | | $\begin{vmatrix} 16 & .092 \\ 17 & .098 \end{vmatrix}$ |
| 18 .000 | | 18 .093 | | 18 .097 | | 18 .100 | | 18 .104 |
| 19 .095 | | 19 .098 | | 19 .102 | | 19 .106 | | 19 .109 |
| | | 20 .104 | | 20 .107 | | 20 .111 | | 20 .115 |
| 21 .105 | | 21 .109 | | 21 .113 | | 21 .117 | | 21 .121 |
| 20 .100 21 .105 22 .110 23 .115 | | 22 .114 | | 22 .118 | | 22 .122 | | 22 .127 |
| 23 .115 | | 23 .119 | | 23 . 124 | | 23 .128 | | 23 .132 |
| 24 .120 25 .125 | | 24 .124 | | 24 .129 | | 24 .133 | | 24 .138 |
| 25 .125 | | 25 .129 | | 25 .134 | | 25 .139 | | 25 .144 |
| 26 .130 27 .135 | | 26 .135 27 .140 | | $\begin{bmatrix} 26 & .140 \\ 27 & .145 \end{bmatrix}$ | | 26 .145 27 .150 | | 26 .150 27 .155 |
| 28 .140 | | 28 .145 | | 28 .150 | | 28 .156 | | 28 .161 |
| 29 .145 | | 29 .150 | | 29 .156 | | 29 .161 | | 29 .167 |
| 30 .150 | | 30 .155 | | 30 .161 | | 30 .167 | | 30 173 |
| Mol | * | Mo | * | Mo | * | Moj | * | Mo |
| | | II I | | | | (| | 11 |
| $ \begin{array}{c c} 1 & .152 \\ 2 & .303 \end{array} $ | | 1 .158 2 .315 | | $\begin{vmatrix} 1 & .163 \\ 2 & .327 \end{vmatrix}$ | | $\begin{vmatrix} 1 & .169 \\ 2 & .338 \end{vmatrix}$ | | $\begin{vmatrix} 1 & .175 \\ 2 & .350 \end{vmatrix}$ |
| 1 .152 2 .303 3 .455 | | 3 .473 | | 3 .490 | | 2 .338 3 .508 | | 3 .525 |
| 4 .607 | | 4 .630 | | 4 .653 | | 4 .677 | | 4 .700 |
| 5 .758 | | 5 .788 | | 5 .817 | | 5 .846 | | 5 .875 |
| 6 .910 | | 6 .945 | | 6 .980 | | 5 .846 6 1.015 7 1.184 | | 6 1.050 |
| 7 1.062 | | 7 1.103 | | 7 1.143 | | 7 1.184 | | 7 1.225 |
| 5 .758 $6 .910$ $7 1.062$ $8 1.213$ $9 1.365$ | | 8 1.260 | | 8 1.307 | | 8 1.353 | | 8 1.400 |
| 9 1.365 | | 9 1.418 | | 9 1.470 | | 9 1.523 | | 9 1.575 |
| 10 1.517 | | 10 1.575 | | 10 1.633 | | 10 1.692 | | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 11 1.668 | * | 11 1.733 | * | 11 1.797 | * | 11 1.861 | * | |
| Ys | * | YS | 74 | YS | 3/2 | YS | N. | Ys |
| 1 1.820 | | 1 1.890 | | 1 1.960 | | 1 2.030 | | 1 2.100 |
| 2 3.640 | | 2 3.780 | | 2 3.920 3 5.880 | | 2 4.060 | | 2 4.200 |
| 3 5.460 | | 3 5.670 | | 3 5.880 | | 3 6.090 | | 3 6.300 |
| | | | | | | | | |

Is prompt and decisive with his customers, and does not overtrade his capital.

Leaves nothing undone that ought to be done, and which circumstances permit him to do.

| | INTEREST TAI | BLES AT SEVEN | PER CENT. | 9 |
|---|---|---|--|--|
| \$3.10 \$310.00 \$310.00 \$310.00 \$310.00 \$310.00 \$310.00 \$310.00 \$3.018 \$4.024 \$5.030 \$6.036 \$7.042 \$8.048 \$9.054 \$10.059 \$11.065 \$12.071 \$13.077 \$14.083 \$15.089 \$16.095 \$17.101 \$18.107 \$19.113 \$20.119 \$21.125 \$22.131 \$20.119 \$21.125 \$22.131 \$23.137 \$24.443 \$25.149 \$26.155 \$27.161 \$28.166 \$29.172 \$30.178 \$4.723 \$3.543 \$4.723 \$5.149 \$26.155 \$27.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$26.155 \$27.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$28.166 \$29.172 \$30.178 \$4.723 \$5.149 \$6.155 \$7.161 \$6.1666 \$6.1666 \$6.1 | \$32 \$3.20 \$320.00 Days \$320.00 Days \$320.00 Days \$32 *1 .006 2 .012 3 .018 4 .025 5 .031 6 .037 7 .043 8 .049 9 .055 10 .061 11 .068 12 .074 13 .080 14 .086 15 .092 16 .098 17 .104 18 .110 19 .117 20 .123 21 .129 22 .135 23 .141 24 .147 25 .153 26 .160 27 .166 28 .172 29 .178 30 .184 M0 | \$3.30 \$330.00 \$330.00 \$330.00 \$330.00 \$2.013 \$3.019 \$4.025 \$5.032 \$6.038 \$7.044 \$8.051 \$9.057 \$10.063 \$11.070 \$12.076 \$13.082 \$14.089 \$15.095 \$16.101 \$17.108 \$18.114 \$19.120 \$20.127 \$21.133 \$22.139 \$23.146 \$24.152 \$25.158 \$26.165 \$27.171 \$28.177 \$29.184 \$30.190 \$\frac{1}{100}\$ \$1.193 \$2.385 \$3.578 \$4.770 \$5.963 \$6.1.155 \$7.1.348 \$1.540 | \$3.40 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$340.00 \$40.00 \$50.03 \$60.039 \$70.046 \$80.052 \$90.059 \$100.065 \$110.072 \$120.078 \$130.085 \$140.091 \$150.098 \$160.104 \$170.111 \$180.117 \$190.130 \$210.130 \$210.137 \$220.143 \$230.156 \$250.163 \$260.170 \$270.176 \$280.183 \$290.196 \$100.1 | \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.007 2 .013 3 .020 4 .027 5 .034 6 .040 7 .047 8 .054 9 .060 10 .067 11 .074 12 .081 13 .087 14 .094 15 .101 16 .107 17 .114 18 .121 19 .128 20 .134 21 .141 22 .148 23 .154 24 .161 25 .168 26 .175 27 .181 28 .188 29 .195 30 .201 \$\bar{M0}{1} .204 2 .408 3 .613 4 .817 5 1.021 6 1.225 7 1.429 8 1.633 |
| 8 1.447 9 1.628 10 1.808 11 1.989 <u>Ys</u> 1 2.170 2 4.340 3 6.510 | 8 1.493 9 1.680 10 1.867 11 2.053 78 1 2.240 2 4.480 3 6.720 | 8 1.540 9 1.733 10 1.925 11 2.118 Vs 1 2.310 2 4.620 3 6.930 | 8 1.587 9 1.785 10 1.983 11 2.182 YS 1 2.380 2 4.760 3 7.140 | 8 1.633 9 1.838 10 2.042 11 2.246 YS 1 2.450 2 4.900 3 7.350 |

Prefers short credits to long ones, and cash to credit at all times, either in buying or selling; and small profits in credit cases, with little risk to the chance of better gains with more hazard.

Never suffers his desk to be confused by many papers lying upon it.

2.

| .36 | | .37 | | .38 | | .39 | | .40 |
|--|-----|---|---|--|-----|---|---|--|
| \$3.60 \$360.00 | | \$3.70 \$370.00 | | \$3.80 \$380.00 | | \$3.90 | | \$4.00 \$400.00 |
| Days \$36 | * | Days \$37 | * | | * | | * | 1 |
| | | 1 .007 | | Days: \$38 | " | | | Days \$40 |
| 2 .014 | | 2 .014 | | 1 .007 2 .015 | | $\begin{vmatrix} 1 & .007 \\ 2 & .015 \end{vmatrix}$ | | 1 .008 2 .015 |
| $ \begin{array}{ccc} 1 & .007 \\ 2 & .014 \\ 3 & .021 \end{array} $ | | 3 .021 | | $\begin{bmatrix} 2 & .015 \\ 3 & .022 \end{bmatrix}$ | | 3 .022 | | 3 .023 |
| 4 .028 | | 4 .028 | | 4 .029 | | 4 .030 | | 4 .031 |
| 5 .035 | | 5 .035 | | 5 .036 | | 5 .037 | | 5 .038 |
| 6 .041 | | 6 .043 | | 6 .044 | | 6 .045 | | 6 .046 |
| 7 .048 | | 7 .050 | | 7 .051 | | 7 .052 | | 7 .054 |
| 8 .055 9 .062 | | 8 .057 9 .064 | | 8 .058 9 .066 | | 8 .060 | | 8 .061 |
| 10 .069 | | 10 .071 | | 9 .066 10 .073 | | $\begin{vmatrix} 9 & .067 \\ 10 & .075 \end{vmatrix}$ | | $\begin{array}{c c} 9 & .069 \\ 10 & .077 \end{array}$ |
| 11 .076 | | 11 .078 | | 11 .080 | | 11 .082 | | 11 .084 |
| 12 .083 | | 12 .085 | | 12 .087 | | 12 .090 | | 12 .092 |
| 13 .090 | | 13 .092 | | 13 .095 | | 13 .097 | | 13 .100 |
| 14 .097 | | 14 .099 | | 14 .102 | | 14 .105 | | 14 .107 |
| 15 .104 | | 15 .106 | | 15 .109 | | 15 .112 | | 15 .115 |
| $ \begin{array}{c cccc} 16 & .110 \\ 17 & .117 \end{array} $ | | 16 .114 17 .121 | | 16 .117 17 .124 | | $\begin{array}{ccc} 16 & .120 \\ 17 & .127 \end{array}$ | | 16 .123 17 .130 |
| 18 .124 | | 18 .128 | | 18 .131 | | 18 .135 | | 18 .138 |
| 19 .131 | | 19 .135 | | 19 .138 | | 19 .142 | | 19 .146 |
| 20 .138 | | 20 .142 | | 20 .146 | | 20 .150 | | 20 .153 |
| 21 .145 | | 21 .149 | | 21 .153 | | 21 .157 | | 21 .161 |
| 22 .152 23 .159 | | 22 .156 23 .163 | | 22 .160 23 .168 | | $\begin{vmatrix} 22 & .165 \\ 23 & .172 \end{vmatrix}$ | | 22 .169 |
| 24 .166 | | 24 .170 | | 23 .168 24 .175 | | $\begin{vmatrix} 23 & .172 \\ 24 & .180 \end{vmatrix}$ | | 23 .176 24 .184 |
| 25 .173 | | 25 .177 | | 25 .182 | | 25 .187 | | 25 .192 |
| 26 .180 | | 26 .184 | | 26 .189 | | 26 .194 | | 26 .199 |
| 27 .186 | | 27 .192 | | 27 .197 | | 27 .202 | | 27 .207 |
| 28 .193 | | 28 .199 | | 28 .204 | | 28 .209 | | 28 .215 |
| 29 .200 30 .207 | | 29 .206 30 .213 | | 29 .211 30 .219 | | 29 .217 30 .224 | | 29 .222 30 .230 |
| Moj | · * | M0 .213 | * | MO .219 | * | | * | |
| | | | | | l " | Mo | | Mo |
| $\begin{array}{c c} \hline 1 & .210 \\ 2 & .420 \\ \hline \end{array}$ | | $\begin{bmatrix} 1 & .216 \\ 2 & .432 \end{bmatrix}$ | | $\begin{vmatrix} 1 & .222 \\ 2 & .443 \end{vmatrix}$ | | $\begin{array}{ c c c c c }\hline 1 & .228 \\ 2 & .455 \\ \hline \end{array}$ | | 1 .233 2 .467 |
| 3 .630 | | 3 .648 | | $\begin{vmatrix} 2 & .443 \\ 3 & .665 \end{vmatrix}$ | | 3 .683 | | $\begin{vmatrix} 2 & .467 \\ 3 & .700 \end{vmatrix}$ |
| 4 .840 | | 4 .863 | | 4 .887 | | 4 .910 | | 4 .933 |
| 5 1.050 | | 5 1.079 | | 5 1.108 | | 5 1.138 | | 5 1.167 |
| 6 1.260 | | 6 1.295 | | 6 1.330 | | 6 1.365 | | 6 1.400 |
| 7 1.470 | | 7 1.511 | | 7 1.552 | | 7 1.593 | | 7 1.633 |
| 8 1.680 9 1.890 | | 8 1.727 9 1.943 | | 8 1.773 9 1.995 | | 8 1.820 9 2.048 | | 8 1.867 9 2.100 |
| $10 \ \ 2.100$ | | 10 2.158 | | 10 2.217 | | 10 2.275 | | 10 2.333 |
| $11 \ \ 2.310$ | | 11 2.374 | | 11 2.438 | | 11 2.503 | | 11 2.567 |
| Ysi | * | Ys | * | Ys | * | Ysi | * | YS |
| $\frac{10}{1}$ 2.520 | | $\frac{10}{1}$ 2.590 | | $\frac{1}{1}$ 2.660 | | $\frac{10}{1}$ 2.730 | | $\frac{10}{1}$ 2.800 |
| 2 5.040 | | | | 2 5.320 | | 2 5.460 | | 2 5.600 |
| 3 7.560 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 3 7.980 | | 3 8.190 | | 3 8.400 |
| | | | | | | | | |

Employs no one to do what he can easily do himself. He is clear and explicit in all his bargains.

Leaves nothing of consequence to memory which he can and ought to commit to writing.

| | | INTEREST | TAB | LES AT SE | VEN . | PER CENT. | | 11 |
|---|---|--|-----|--|-------|---|----|--------------------|
| .41 | | \$4.20 | | \$4.30 | 1 | .44 | | .45 |
| \$4.10 \$410.00 | | \$4.20 | | \$4.30 | | \$4.40 \$440.00 | | \$4.50 \$450.00 |
| Days \$41 | * | Days \$42 | * | Days \$43 | * | Days! \$44 | * | Days \$45 |
| | | 1 .008 | | 1 .008 | | 1 .008 | | 1 .009 |
| $egin{array}{cccc} 1 & .008 \\ 2 & .016 \\ 3 & .024 \\ 4 & .031 \\ \end{array}$ | | 2 .016 | | 2 .016 | | | | 2 .017 |
| 3 .024 | | 3 .024 | | 3 .025 | | 2 .017 3 .025 | | 3 .026 |
| | | 4 .032 | | 4 .033 | | 4 .034 5 .042 6 .051 | | 4 .035 |
| 5 .039 6 .047 7 .055 | | 5 .040 6 .048 | | 5 .041 6 .049 | | 5 .042 6 .051 | | 5 .043 6 .052 |
| 7 .055 | | 7 .056 | | 7 .058 | | 7 .059 | | 7 .060 |
| 8 .063 | | 8 .064 | | 8 .066 | | 8 .068 | | 8 .069 |
| 9 .071 | | 9 .072 | | 9 .074 | | 9 .076 | | 9 .078 |
| 10 .079 11 .086 | | 10 .081 | | 10 .082 | | 10 .084 11 .093 | | 10 .086 |
| $ \begin{array}{c cccc} 11 & .086 \\ 12 & .094 \end{array} $ | | 11 .089 12 .097 | | $\begin{vmatrix} 11 & .091 \\ 12 & .099 \end{vmatrix}$ | | 12 .101 | | 11 .095 12 .104 |
| 13 .102 | | 13 .105 | | 13 .107 | | 13 .110 | | 13 .112 |
| 14 .110 | | 14 .113 | | 14 .115 | | 14 .118 | | 14 .121 |
| 15 .118 | | 15 .121 | | 15 .124 | | 15 .127 | | 15 .129 |
| 16 .126 17 .134 | | 16 .129 17 .137 | | 16 .132 17 .140 | | 16 .135 17 .143 | | 16 .138 17 .147 |
| 18 .142 | | 18 .145 | | 18 .148 | | 18 .152 | | 18 .155 |
| 19 .149 | | 19 .153 | | 19 .157 | | 19 .160 | | 19 .164 |
| 20 .157 | | 20 .161 | | 20 .165 | | 20 .169 | 1 | 20 .173 |
| $\begin{vmatrix} 21 & .165 \\ 22 & .173 \end{vmatrix}$ | | 21 .169 22 .177 | | 21 .173 22 .181 | | 21 .177 22 .186 | | 21 .181 22 .190 |
| 23 .181 | | 23 .185 | | 23 .190 | | 23 .194 | | 23 .198 |
| 24 .189 | | 24 .193 | | 24 .198 | | 24 .203 | | 24 .207 |
| 25 .197 | | 25 .201 | | 25 .206 | | 25 .211 | | 25 .216 |
| 26 .204 27 .212 | | $\begin{bmatrix} 26 & .209 \\ 27 & .217 \end{bmatrix}$ | | 26 .214 27 .223 | | $\begin{vmatrix} 26 & .219 \\ 27 & .228 \end{vmatrix}$ | | 26 .224 27 .233 |
| 28 .220 | | 28 .226 | | 28 .231 | | 28 .236 | | 27 .233 28 .242 |
| 29 .228 | | 29 .234 | | 29 .239 | 1 0 | 29 .245 | | 29 .250 |
| 30 .236 | | 30 .242 | | 30 .247 | | 30 .253 | | 30 .259 |
| Mo | * | MO | * | Mo | * | | * | Mo |
| 1 .239 2 .478 3 .718 4 .957 5 1.196 6 1.435 7 1.674 | | 1 .245 | 1 | $\overline{1}$.251 | | 1 .257 | . | 1 263 |
| 2 .478 | | 2 .490 | | 2 .502 | | 2 .513 | | 2 .525 |
| $\begin{array}{ccc} 3 & .718 \\ 4 & .957 \end{array}$ | | 3 .735 4 .980 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | $\begin{bmatrix} 3 & .770 \\ 4 & 1.027 \end{bmatrix}$ | | 3 .788 4 1.050 |
| 5 1.196 | | 5 1.225 | | 5 1.254 | | 5 1.283 | | 5 1.313 |
| 6 1.435 | | 6 1.470 | | 6 1.505 | | 6 1.540 | | 6 1.575 |
| 7 1.674 | | 7 1.715 | 1 | 7 1.756 | | 7 1.797 | | 7 1.838 |
| 8 1.913 9 2.153 | | 8 1.960 9 2.205 | | 8 2.007 9 2.258 | | 8 2.053 9 2.310 | | 8 2.100 9 2.363 |
| 10 2.392 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | $\begin{vmatrix} 9 & 2.510 \\ 10 & 2.567 \end{vmatrix}$ | 1 | 9 2.303 |
| 11 2.631 | | 11 2.695 | | 11 2.759 | | 11 2.823 | 3 | 11 2.888 |
| Ysı | * | Ysı | * | Ysl | * | Ys | * | Ys |
| 1 2.870 | | 1 2.940 | 1 | 1 3.010 | | 1 3.080 | | 1 3.150 |
| 2 5.740 | | 2 5.880 3 8.820 | | 2 6.020 | | 2 6.160 | | 2 6.300 |
| 3 8.610 | | 3 8.820 | 1 | 3 9.030 | | 3 9.240 | Į. | 3 9.450 |

Keeps copies of all his important letters which he sends away, and has every letter, invoice, &c., relating to his business, titled, classed and put away.

He is economical in his expenditures, always living within his income.

| 12 | | 11(11)111351 | | | | | | and the Colonian Statement and the Colonian Stat |
|---|---|--|---|--|---|---|---|--|
| \$4.60 | | .47 | | \$4.80 | | \$4.90 | | .50 |
| \$4.60 \$460.00 | | \$4.70 \$470.00 | | \$4.80 \$480.00 | | \$4.90 \$490.00 | | \$5.00 \$500.00 |
| Days \$46 | * | Days \$47 | * | Days \$48 | * | Days \$49 | * | Days \$50 |
| | | 1 .009 | | 1 .009 | | 1 .009 | | 1 .010 |
| $egin{array}{cccc} 1 & .009 \\ 2 & .018 \\ 3 & .026 \\ 4 & .035 \\ \end{array}$ | | 2 .018 | | 2 .018 | | | | 2 .019 |
| 3 .026 | | 3 .027 | | 3 .028 | | 2 .019 3 .028 | | 3 .029 |
| 4 .035 | | 4 .036 | | 4 .037 | | 4 .038 | | 4 .038 5 .048 |
| 5 .044 6 .053 | | 5 .045 6 .054 | | 5 .046 6 .055 | | 5 .047 6 .056 | | 6 .058 |
| 5044 6 .053 7 .062 8 .071 | | 7 .063 | | 7 .064 | | 7 .066 | | 7 .067 |
| 8 .071 | | 8 .072 | | 8 .074 | | 8 .075 | | 8 .077 |
| 9 .079 | | 9 .081 | | 9 .083 | | 9 .085 | | 9 .086 |
| $\begin{bmatrix} 10 & .088 \\ 11 & .097 \end{bmatrix}$ | | $\begin{bmatrix} 10 & .090 \\ 11 & .099 \end{bmatrix}$ | | $ \begin{array}{cccc} 10 & .092 \\ 11 & .101 \end{array} $ | | 10 .094 11 .103 | | $\begin{vmatrix} 10 & .096 \\ 11 & .105 \end{vmatrix}$ |
| 12 .106 | | 12 .108 | | 12 .110 | | 12 .103 | | 12 .115 |
| 13 .115 | | 13 .117 | | 13 .120 | | 13 .122 | | 13 .125 |
| 14 .124 | | 14 .126 | | 14 .129 | | 14 .132 | | 14 .134 |
| 15 .132 16 .141 | | 15 .135 16 .144 | | 15 .138 16 .147 | | $ \begin{array}{ccc} 15 & .141 \\ 16 & .150 \end{array} $ | | 15 .144 16 .153 |
| 17 .150 | | 17 .153 | | 17 .156 | | 17 .160 | | 17 .163 |
| 18 .159 | | 18 .162 | \ | 18 .166 | | 18 .169 | | 18 .173 |
| 19 .168 | | 19 .171 | | 19 .175 | | 19 .179 | | 19 .182 |
| $ \begin{array}{c cc} 20 & .176 \\ 21 & .185 \end{array} $ | | 20 .180 21 .189 | | 20 .184 21 .193 | | 20 .188 | | $\begin{bmatrix} 20 & .192 \\ 21 & .201 \end{bmatrix}$ |
| 22 .194 | | 22 .198 | | $\begin{vmatrix} 21 & .193 \\ 22 & .203 \end{vmatrix}$ | | $\begin{vmatrix} 21 & .197 \\ 22 & .207 \end{vmatrix}$ | | 22 .211 |
| 23 .203 | | 23 .207 | | 23 .212 | | 23 .216 | | 23 .221 |
| 24 .212 | | 24 .216 | | 24 .221 | | 24 .226 | | 24 .230 |
| $\begin{array}{ccc} 25 & .221 \\ 26 & .229 \end{array}$ | | 25 .225 26 .234 | | 25 .230 26 .239 | | $\begin{vmatrix} 25 & .235 \\ 26 & .244 \end{vmatrix}$ | | 25 .240 26 .249 |
| 26 .229 27 .238 | | $\begin{array}{cccc} 20 & .254 \\ 27 & .243 \end{array}$ | | $\begin{vmatrix} 26 & .239 \\ 27 & .249 \end{vmatrix}$ | | 27 .254 | | 27 .259 |
| 28 .247 | | 28 .252 | | 28 .258 | | 28 .263 | | 28 .268 |
| 29 .256 | | 29 .261 | | 29 .267 | | 29 .273 | | 29 .278 |
| 30 .265 | | 30 .270 | | 30 .276 | | 30 .282 | | 30 .288 |
| Mo | * | Mo | * | Mo | * | Mo | * | Mo |
| 1 .268 | | 1 .274 | | 1 .280 | | 1 .286 | | 1 .292 |
| 2 .537 3 .805 | | 2 .548 3 .823 | | 2 .560 3 .840 | | 2 .572 3 .858 | | 2 .583 3 .875 |
| 4 1.073 | | 4 1.097 | | 4 1.120 | | 4 1.143 | | 4 1.167 |
| 5 1.342 | | 5 1.371 | | 5 1.400 | | 5 1.429 | | 5 1.458 |
| 6 1.610 | | 6 1.645 | | 6 1.680 | | 6 1.715 | | 6 1.750 |
| 7 1.878 8 2.147 | | 7 1.919 8 2.193 | | $\begin{bmatrix} 7 & 1.960 \\ 8 & 2.240 \end{bmatrix}$ | | 7 2.001 8 2.287 | | 7 2.042 8 2.333 |
| 9 2.415 | | 9 2.468 | | 9 2.520 | | 9 2.573 | | 9 2.625 |
| 10 2.683 | | 10 2.742 | | 10 2.800 | | 10 2.858 | | 10 2.917 |
| 11 2.952 | | 11 3.016 | | 11 3.080 | | 11 3.144 | | 11 3.208 |
| $\frac{\overline{Ys}}{1}$ 3.220 | * | Ys | * | Ys | * | Ysı | * | Ys |
| $\overline{1}$ 3.220 | | 1 3.290 | | 1 3.360 | | 1 3.430 | | 1 3.500 |
| 2 6.440 | | 2 6.580 3 9.870 | | 2 6.720 | | 2 6.860 | | 2 7.000 |
| 3 9.660 | | 3 9.870 | | 310.080 | | 3 10.290 | | 3 10.500 |

Is always at the head of his business, well knowing that if he leaves it, it will leave him.

Holds it as a maxim that he whose credit is suspected is not to be

trusted.

| | | 11,11,111,111 | | | | | | |
|---|---|--|---|--|----|--|-----|---|
| .51 | | .52 | | .53 | | .54 | | .55 |
| .51 \$5.10 | | \$5.20 | | \$5.30 | | \$5.40 | | \$5.50 |
| \$510.00 | | \$520.00 | | \$530.00 | ,, | \$540.00 | ., | \$550.00 |
| Days \$51 | * | Days \$52 | * | Days \$53 | * | Days \$54 | * . | Days \$55 |
| 1 .010 | | 1 .010 | | 1 .010 | | 1 .010 | | 1 .011 |
| 2 .020 | | 2 .020 | | 2 .020 3 .030 | | 2 .021 | | 2 .021 3 .032 |
| 3 .029 | | 3 .030 | | $\begin{array}{c c} 3 & .030 \\ 4 & .041 \end{array}$ | | 3 .031 4 .041 | | $\begin{array}{ccc} 3 & .032 \\ 4 & .042 \end{array}$ |
| 4 .039 5 .049 | | 4 .040 5 .050 | | 5 .051 | | 5 .052 | | 5 .053 |
| 6 .059 | | 6 .060 | | 6 .061 | | 6 .062 | | 6 .063 |
| 7 .068 | | 7 .070 | | 7 .071 | | 7 .072 | | 7 .074 |
| 8 .078 | | 8 .080 | | 8 .081 | | 8 .083 | | 8 .084 |
| 9 .088 | | 9 .090 | | 9 .091 | | 9 .093 | | 9 .095 |
| 10 .098 | | 10 .100 | | 10 .102 | | 10 .104 | | 10 .105 11 .116 |
| $\begin{array}{c c} 11 & .108 \\ 12 & .117 \end{array}$ | | 11 .110 12 .120 | | 11 .112 12 .122 | | 11 .114 12 .124 | | 12 .110 |
| 13 .127 | | 13 .130 | | 13 .132 | | 13 .135 | | 13 .137 |
| 14 .137 | | 14 .140 | | 14 .142 | | 14 .145 | | 14 .148 |
| 15 .147 | | 15 .150 | | 15 .152 | | 15 .155 | | 15 .158 |
| 16 .156 | | 16 .160 | | 16 .163 | | 16 .166 | | 16 .169 |
| 17 .166 | | 17 .170 | | 17 .173 | | 17 .176 | | 17 .179 |
| 18 .176 19 .186 | | 18 .180 19 .189 | | 18 .183 19 .193 | | 18 .186 19 .197 | | 18 .190 19 .200 |
| 19 .186 20 .196 | | 20 .199 | | 20 .203 | | 20 .207 | | 20 .211 |
| 21 .205 | | 21 .209 | | 21 .213 | | $\frac{20}{21}$.217 | | 21 .222 |
| 22 .215 | | 22 .219 | | 22 .224 | | 22 .228 | | 22 .232 |
| 23 .225 | | 23 .229 | | 23 .234 | | 23 .238 | | 23 .243 |
| 24 .235 | | 24 .239 | | 24 .244 | | 24 .249 | | $\begin{array}{ccc} 24 & .253 \\ 25 & .264 \end{array}$ |
| 25 .245 26 .254 | | 25 .249 26 .259 | | 25 .254 26 .264 | | 25 .259 26 .269 | | $\begin{vmatrix} 25 & .264 \\ 26 & .274 \end{vmatrix}$ |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | $\begin{vmatrix} 20 & .259 \\ 27 & .269 \end{vmatrix}$ | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 27 .280 | | 27 .285 |
| 28 .274 | | 28 .279 | | 28 .285 | | 28 .290 | | 28 .295 |
| 29 .284 | | 29 .289 | | 29 .295 | | 29 .300 | | 29 .306 |
| 30 .293 | | 30 .299 | | 30 .305 | | 30 .311 | | 30 .316 |
| Mo | * | Mo | * | Mo | * | Mo | * | MO |
| 1 .298 | | 1 .303 | | 1 .309 | | 1 .315 | | 1 .321 |
| 2 .595 3 .893 | | 2 .607 | | 2 .618 3 .928 | | 2 .630 | | 2 .642 |
| | | 3 .910 | | | | 3 .945 | | $\begin{array}{c c} 3 & .963 \\ 4 & 1.283 \end{array}$ |
| 4 1.190 5 1.488 | | 4 1.213 5 1.517 | | 4 1.237 5 1.546 | | $\begin{bmatrix} 4 & 1.260 \\ 5 & 1.575 \end{bmatrix}$ | | 5 1.604 |
| 6 1.785 | | 6 1.820 | | 6 1.855 | | 6 1.890 | | 6 1.925 |
| 7 2.083 | | 7 2.123 | | 7 2.164 | | 7 2.205 | | 7 2.246 |
| 8 2.380 | | 8 2.427 | | 8 2.473 | | 8 2.520 | | 8 2.567 |
| 9 2.678 | | 9 2.730 | | 9 2.783 | | 9 2.835 | | 9 2.888 |
| $\begin{array}{c c} 10 & 2.975 \\ 11 & 3.273 \end{array}$ | | 10 3.033 11 3.337 | | 10 3.092 11 3.401 | | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 10 3.208 11 3.529 |
| | * | | * | | * | [| * | |
| $\frac{\overline{Y}}{1}$ 3.570 | | YS | | $\left \frac{\text{Ys}}{1} \right 3.710$ | | YS 2 COO | | YS |
| $ \begin{array}{c c} 1 & 3.570 \\ 2 & 7.140 \end{array} $ | | $\begin{bmatrix} 1 & 3.640 \\ 2 & 7.280 \end{bmatrix}$ | | $\begin{vmatrix} 1 & 3.710 \\ 2 & 7.420 \end{vmatrix}$ | | 3.780 | | $\begin{bmatrix} 1 & 3.850 \\ 2 & 7.700 \end{bmatrix}$ |
| 3 10.710 | | 3 10.920 | | 3 11.130 | | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | | $\begin{vmatrix} z & 1.700 \\ 3 & 11.550 \end{vmatrix}$ |
| 5,10.110 | | [] JJ10.000() | | 3 22.200 | | ,, J[11.010] | | 7 |

Is constantly examining his books, and sees through the whole affairs as far as care and attention will enable him.

Balances regularly at stated times, and then makes out and transmits all his accounts current to his customers, both at home and abroad.

| THE INTEREST TABLES AT SEVEN FER CENT. | | | | | | | | | | |
|--|----|--------------------|---|--|-----|---|---|---|--|--|
| .56 | | 0 57 | | 1 501 | | .59 | | .60 | | |
| \$5.60 | | \$5.70 | | \$5.80 | | \$5.90 | | \$6.00 | | |
| \$560.00 | | \$570.00 | | \$580.00 | | \$590.00 | | \$600.00 | | |
| Days \$56 | * | Days 857 | * | | * . | 1 | * | | | |
| | | | | Daysi \$58 | | Days \$59 | | Days \$60 | | |
| $\begin{array}{c c} 1 & .011 \\ 2 & .021 \end{array}$ | | 2 .022 | | 1 .011 | | 1 .011 2 .023 | | 1 .012 2 .023 | | |
| 3 .032 | | 3 .033 | | | | | | | | |
| 4 .043 | | 4 .044 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 3 .034 4 .045 | | 3 .035 | | |
| 5 .054 | | 5 .055 | | 5 .056 | | 5 .057 | | 5 .058 | | |
| 6 .064 | | 6 .066 | | 6 .067 | | 6 .068 | | 6 .069 | | |
| 3 .032 4 .043 5 .054 6 .064 7 .075 8 .086 | | 7 .077 | | 7 .078 | | 7 .079 | | 7 .081 | | |
| 8 .086 | | 8 .087 | | 8 .089 | | 8 .091 | | 8 .092 | | |
| 9 .097 | | 9 .098 | | 9 .100 | | 9 .102 | | 9 .104 | | |
| 10 .107 | | 10 .109 | | 10 .111 | | 10 .113 | | 10 .115 | | |
| 11 .118 | | 11 .120 | | 11 .122 | | 11 .124 | | 11 .127 | | |
| 12 .129 | | 12 .131 | | 12 .133 | | 12 .136 | | 12 .138 | | |
| 13 .140 | | 13 .142 | | 13 .145 | | 13 .147 | | 13 .150 | | |
| 14 .150 | | 14 .153 | | 14 .156 | | 14 .158 | | 14 .161 | | |
| 15 .161 | | 15 .164 | | 15 .167 | | 15 .170 | | 15 .173 | | |
| 16 .172 | | 16 .175 | | 16 .178 | | 16 .181 | | 16 .184 | | |
| 17 .183 18 .193 | | 17 .186 | | 17 .189 | | 17 .192 18 .204 | | 17 .196 | | |
| 18 .193 19 .204 | | 18 .197 19 .208 | | 18 .200 19 .211 | | 18 .204 19 .215 | | 18 .207 19 .219 | | |
| 20 .215 | | 20 .219 | | 20 .211 | | 20 .226 | | $\begin{vmatrix} 19 & .219 \\ 20 & .230 \end{vmatrix}$ | | |
| 21 .226 | | 21 .230 | | 21 .234 | | 21 .238 | | 21 .242 | | |
| 22 .236 | | 22 .240 | | 22 .245 | | 22 .249 | | 22 .253 | | |
| 23 .247 | | 23 .251 | | 23 .256 | | 23 .260 | | 23 .265 | | |
| 24 .258 | | 24 .262 | | 24 .267 | | 24 .272 | | 24 .276 | | |
| 25 .268 | | 25 .273 | | 25 .278 | | 25 .283 | | 25 .288 | | |
| 26 .279 | | 26 .284 | | 26 .289 | | 26 .294 | | 26 .299 | | |
| 27 .290 | | 27 .295 | | 27 .300 | | 27 .306 | | 27 .311 | | |
| 28 .301 | | 28 .306 | | 28 .311 | | 28 .317 | | 28 .322 | | |
| 29 .311 | | 29 .317 | | 29 .323 | | 29 .328 | | 29 .334 | | |
| 30 .322 | | 30 .328 | | 30 .334 | | 30 .339 | | 30 .345 | | |
| Mo | *. | Mo | * | Mo | * | Mol | * | MO | | |
| 1 .327 | | 1 .333 | | 1 .338 | | 1 .344 | | 1 .350 | | |
| 2 .653 3 .980 | | 2 .665 | | $\begin{bmatrix} 2 & .677 \\ 3 & 1.015 \end{bmatrix}$ | | 2 .688 | | 2 .700 | | |
| 3 .980 | | 3 .998 | | | | 3 1.033 | | 3 1.050 | | |
| 4 1.307 | | 4 1.330 | | 4 1.353 | | 4 1.377 | | 4 1.400 | | |
| 5 1.633 6 1.960 | | 5 1.663 | | 5 1.692 | | 5 1.721 | | 5 1.750 | | |
| | | 6 1.995 | | 6 2.030 | | $\begin{array}{c c} 6 & 2.065 \\ 7 & 2.409 \end{array}$ | | $\begin{array}{c c} 6 & 2.100 \\ 7 & 2.450 \end{array}$ | | |
| 7 2.287 8 2.613 | | 7 2.328 8 2.660 | | 7 2.368 8 2.707 | | | | 7 2.450 8 2.800 | | |
| 9 2.940 | | 9 2.993 | | 9 3.045 | | $\begin{vmatrix} 8 & 2.753 \\ 9 & 3.098 \end{vmatrix}$ | | 9 3.150 | | |
| 10 3.267 | | 10 3.325 | | 10 3.383 | | 10 3.442 | | 10 3.500 | | |
| 11 3.593 | | 11 3.658 | | 11 3.722 | | 11 3.786 | | 11 3.850 | | |
| YS | * | [| % | 1 | * | YS | * | YS | | |
| | | YS | | YS A COO | | | | V — 1 | | |
| 1 3.920 | | 1 3.990 | | $\begin{array}{c c} \hline 1 & 4.060 \\ 2 & 8.120 \\ \hline \end{array}$ | | 1 4.130 | | 1 4.200 | | |
| 2 7.840 | | 2 7.980 | | 2 8.120 3 12.180 | | 2 8.260 3 12.390 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | |
| 3,11.760 | | 3 11.970 | | 0 12.100 | | 0 12.590 | | 0,12.000 | | |

Avoids as much as possible all sorts of accommodation in money matters and law suits where there is the least hazard.

Keeps a memorandum book in his pocket, in which he notes every particular relative to appointment, addresses and petty cash matters.

| .61 | | .62 | | \$6.30 | | \$6.40 | | \$6.50 |
|--|---|--|---|--|---|--|---|--|
| \$6.10 \$610.00 | | \$6.20 \$620.00 | | \$630.00 | | \$640.00 | | \$650.00 |
| Days \$61 | * | Days \$62 | * | Days! \$63 | * | Days \$64 | * | Days \$65 |
| 1 .012 | | 1 .012 | | 1 .012 | | 1 .012 | | 1 .012 |
| | | | | 2 .024 | | 2 .025 | | 2 .025 |
| 3 .035 | | 2 .024 3 .036 | | 3 .036 | | 3 .037 | | 3 .037 |
| 2 .023 3 .035 4 .047 5 .058 6 .070 7 .082 8 .094 9 .105 | | 4 .048 | | 4 .048 | | 4 .049 | | 4 .050 |
| 5 .058 | | 5 .059 6 .071 | | 5 .060 6 .072 | | 5 .061 6 .074 | | 5 .062 6 .075 |
| $\begin{array}{ccc} 6 & .070 \\ 7 & .082 \end{array}$ | • | 7 .083 | | 7 .085 | | 7 .086 | | 7 .087 |
| 8 .094 | | 8 .095 | | 8 .097 | | 8 .098 | | 8 .100 |
| | | 9 .107 | | 9 .109 | | 9 .110 | | 9 .112 |
| 10 .117 | | 10 .119 | | 10 .121 | | 10 .123 11 .135 | | 10 .125 11 .137 |
| 11 .129 12 .140 | | 11 .131 12 .143 | | 11 .133 12 .145 | | 11 .135 12 .147 | | 11 .137 12 .150 |
| 13 .152 | | 13 .155 | | $\frac{1}{13}$.157 | | 13 .160 | | 13 .162 |
| 14 .164 | | 14 .166 | | 14 .169 | | 14 .172 | | 14 .175 |
| 15 .175 | | 15 .178 | | 15 .181 | | 15 .184 | | 15 .187 |
| 16 .187 17 .199 | | $\begin{vmatrix} 16 & .190 \\ 17 & .202 \end{vmatrix}$ | | 16 .193 17 .205 | | 16 .196 17 .209 | | 16 .199 17 .212 |
| 17 .199 18 .211 | | 18 .214 | | 18 .217 | | 18 .221 | | 18 .224 |
| 19 .222 | | 19 .226 | | 19 .230 | | 19 .233 | | 19 .237 |
| 20 .234 | | 20 .238 | | 20 .242 | | 20 .245 | | 20 .249 |
| 21 .246 | | 21 .250 | | 21 .254 | | $\begin{vmatrix} 21 & .258 \\ 22 & .270 \end{vmatrix}$ | | $\begin{vmatrix} 21 & .262 \\ 22 & .274 \end{vmatrix}$ |
| 22 .257 23 .269 | | 22 .262 23 .273 | | 22 .266 23 .278 | | 23 .282 | | 23 .287 |
| 24 .281 | | 24 .285 | | 24 .290 | | 24 .295 | | 24 .299 |
| 25 .292 | | 25 .297 | | 25 .302 | | 25 .307 | | 25 .312 |
| 26 .304 | | 26 .309 | | 26 .314 | | 26 .319 | | 26 .324 |
| $\begin{array}{ccc} 27 & .316 \\ 28 & .328 \end{array}$ | | 27 .321 28 .333 | | 27 .326 28 .338 | | 27 .331 28 .344 | | 27 .337 28 .349 |
| 29 .339 | | 29 .345 | | 29 .350 | | 29 .356 | | 29 .362 |
| 30 .351 | | 30 .357 | | 30 .362 | | 30 .368 | | 30 .374 |
| Mo | * | Mo | * | Mo | * | Mo | * | Mo |
| 1 .356 | | 1 .362 | | $\frac{1}{1}$.368 | | $ \overline{1} $.373 | | 1 .379 |
| 2 .712 | | 2 .723 | | 2 .735 | | 2 .747 | | 2 .758 |
| 3 1.068 | | 3 1.085 | | 3 1.103 | | 3 1.120 | | 3 1.138 |
| 4 1.423 | | 4 1.447 5 1.808 | | 4 1.470 5 1.838 | | 4 1.493 5 1.867 | | 4 1.517 5 1.896 |
| 5 1.779 6 2.135 | | 5 1.808 6 2.170 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 6 2.240 | | $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ |
| 7 2.491 | | 7 2.532 | | 7 2.573 | | 7 2.613 | | 7 2.654 |
| 8 2.847 | | 8 2.893 | | 8 2.940 | | 8 2.987 | | 8 3.033 |
| 9 3.203 | | 9 3.255 | | 9 3.308 | | 9 3.360 | | 9 3.413 |
| $ \begin{array}{c cccc} 10 & 3.558 \\ 11 & 3.914 \end{array} $ | | 10 3.617 11 3.978 | | 10 3.675 11 4.043 | | $\begin{vmatrix} 10 & 3.733 \\ 11 & 4.107 \end{vmatrix}$ | | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| | * | | * | YS | * | YS | | YS 4.171 |
| $\frac{\text{Ys}}{1}$ 4.270 | | YS 4.340 | | | | 11-1 | * | |
| $ \begin{array}{c cccc} 1 & 4.270 \\ 2 & 8.540 \end{array} $ | | 1 4.340 2 8.680 | | $\begin{vmatrix} 1 & 4.410 \\ 2 & 8.820 \end{vmatrix}$ | | 1 4.480 2 8.960 | | $\begin{vmatrix} 1 & 4.550 \\ 2 & 9.100 \end{vmatrix}$ |
| 3 12.810 | | 3 13.020 | | 3 13.230 | | 313.440 | | 3 13.650 |
| | | | | | | | | |

Is cautious how he becomes security for any person; and is generous when urged by motives of humanity.

Take pleasure in your business, and it will become your recreation.

Hope for the best, think for the worst, and bear whatever happens.

| 1 | | | | | | | | |
|--|---|---------------------|---|--|-----|--|---|--|
| \$6.60 | | . 67 | - | .68 | | \$6.90 | | .70 |
| \$6.60 | | \$6.70 | | \$6.80 | | \$6.90 | | \$7.00 |
| \$660.00 | W | \$670.00 | | \$680.00 | | \$690.00 | | \$700.00 |
| Daysi \$66 | * | Days \$67 | * | Days! \$68 | * | Days \$69 | * | Days \$70 |
| 1 .013 | | 1 .013 | | 1 .013 | | 1 .013 | | 1 .013 |
| $ \begin{array}{cccc} 1 & .013 \\ 2 & .025 \\ 3 & .038 \end{array} $ | | 2 .026 | | 2 .026 | | 2 .026 | | 2 .027 |
| | | 3 .039 | | 3 .039 | | 3 .040 | | 3 .040 |
| 4 .051 | | 4 .051 | | 4 .052 | | 4 .053 5 .066 | | 4 .054 |
| 5 .063 6 .076 | | 5 .064 6 .077 | | 5 .065 6 .078 | | 5 .066 6 .079 | | 5 .067 6 .081 |
| 7 .089 | | 7 .090 | | 7 .091 | | 7 .093 | | 7 .094 |
| 8 .101 | | 8 .103 | | 8 .104 | | 8 .106 | | 8 .107 |
| 9 .114 | | 9 .116 | | 9 .117 | | 9 .119 | | 9 .121 |
| 10 .127 | | 10 .128 | | 10 .130 | | 10 .132 | | 10 .134 |
| 11 .139 | | 11 .141 | | 11 .143 | | 11 .146 | | 11 .148 |
| 12 .152 | | 12 .154 | | 12 .156 | | 12 .159 | | 12 .161 |
| 13 .165 | | 13 .167 | | 13 .170 | | 13 .172 | | 13 .175 |
| 14 .177 | | 14 .180 | | 14 .183 | | 14 .185 | | 14 .188 15 .201 |
| $ \begin{array}{ccc} 15 & .190 \\ 16 & .203 \end{array} $ | | 15 .193 16 .206 | | 15 .196 16 .209 | | $\begin{vmatrix} 15 & .198 \\ 16 & .212 \end{vmatrix}$ | | $\begin{vmatrix} 15 & .201 \\ 16 & .215 \end{vmatrix}$ |
| $\frac{10}{17}$.215 | | 17 .218 | | 17 .222 | | 17 .225 | | 17 .228 |
| 18 .228 | | 18 .231 | | 18 .235 | | 18 .238 | | 18 .242 |
| 19 .240 | | 19 .244 | | 19 .248 | | 19 .251 | | 19 .255 |
| 20 .253 | | 20 .257 | | 20 .261 | | 20 .265 | | 20 .268 |
| 21 .266 | | 21 .270 | | 21 .274 | | 21 .278 | | 21 .282 |
| 22 .278 | | 22 .283 | | 22 .287 | | 22 .291 | | 22 .295 |
| $\begin{array}{ccc} 23 & .291 \\ 24 & .304 \end{array}$ | | 23 .296 24 .308 | | $\begin{vmatrix} 23 & .300 \\ 24 & .313 \end{vmatrix}$ | | $\begin{bmatrix} 23 & .304 \\ 24 & .318 \end{bmatrix}$ | | $\begin{bmatrix} 23 & .309 \\ 24 & .322 \end{bmatrix}$ |
| 25 .316 | | 24 .505 | | 25 .326 | | 25 .331 | | 25 .336 |
| 26 .329 | | 26 .334 | | 26 .339 | | 26 .344 | | 26 .349 |
| 27 .342 | | 27 .347 | | 27 .352 | | 27 .357 | | 27 .362 |
| 28 .354 | | 28 .360 | | 28 .365 | | 28 .371 | | 28 .376 |
| 29 .367 | | 29 .373 | | 29 .378 | | 29 .384 | | 29 .389 |
| 30 .380 | | 30 .385 | | 30 .391 | | 30 .397 | | 30 .403 |
| Mol | * | Mol | * | Mo | * | Mo | * | Mo |
| 1 .385 | | 1 .391 | | $\overline{1}$.397 | | 1 .403 | | 1 .408 |
| 1 .385 2 .770 3 1.155 | | 2 .782 | | $\begin{vmatrix} 2 & .793 \\ 3 & 1.190 \end{vmatrix}$ | | 2 .805 | | 2 .817 |
| 3 1.155 | | 3 1.173 | | 3 1.190 | | 3 1.208 | | 3 1.225 |
| 4 1.540 | | 4 1.563 | | 4 1.587 | | 4 1.610 | | 4 1.633 |
| $ \begin{array}{c cccc} 5 & 1.925 \\ 6 & 2.310 \end{array} $ | | 5 1.954 6 2.345 | | $\begin{bmatrix} 5 & 1.983 \\ 6 & 2.380 \end{bmatrix}$ | | $\begin{bmatrix} 5 & 2.013 \\ 6 & 2.415 \end{bmatrix}$ | | $\begin{bmatrix} 5 & 2.042 \\ 6 & 2.450 \end{bmatrix}$ |
| 7 2.695 | | 7 2.736 | | 7 2.777 | | 7 2.818 | | $7 \ \ 2.858$ |
| 8 3.080 | | 8 3.127 | | 8 3.173 | | 8 3.220 | | 8 3.267 |
| 9 3.465 | | 9 3.518 | | 9 3.570 | | 9 3.623 | | 9 3.675 |
| 10 3.850 | | 10 3.908 | | 10 3.967 | | 10 4.025 | | 10 4.083 |
| 11 4.235 | | 11 4.299 | | 11 4.363 | 1 / | 11 4.428 | | 11 4.492 |
| Ys | * | ŶS | * | Ysi | * | Ys | * | Ys |
| $\frac{1}{1}$ 4.620 | " | $\frac{1}{1}$ 4.690 | | 1 4.760 | | 1 4.830 | | 1 4.900 |
| 2 9.240 | | 2 9.380 | | 2 9.520 | | 2 9.660 | | 2 9.800 |
| 3 13.860 | | 3 14.070 | | 3 14.280 | | 3 14.490 | | 3 14.700 |
| 1 | | | | | | | | |

Let a man act strictly to these habits; when once begun they will be very easy to continue—ever remembering that he hath no profits by his pains whom Providence doth not prosper—and success will attend his efforts.

| <u> </u> | INTEREST I | | EII OEKI. | |
|--|--|---|---|--|
| \$7.10 | \$7.20 | \$7.30 | \$7.40 | .75 |
| \$7.10 | \$7.20 | \$7.30 | \$7.40 | \$7.50 |
| \$710.00 | \$720.00 | \$730.00 | \$740.00 | \$750.00 |
| Day of the T | Days: 30. 2 | nays: | nayol # 4 | Days \$75 |
| 1 .014 | $\begin{bmatrix} 1 & .014 \\ 2 & .028 \end{bmatrix}$ | $\begin{vmatrix} 1 & .014 \\ 2 & .028 \end{vmatrix}$ | 1 .014 2 .028 | $\begin{vmatrix} 1 & .014 \\ 2 & .029 \end{vmatrix}$ |
| 2 .027 3 .041 | 3 .041 | 3 .042 | 2 .028 3 .043 | 3 .043 |
| 4 .054 | 4 .055 | 4 .056 | 4 .057 | 4 .058 |
| 1 .014 2 .027 3 .041 4 .054 5 .068 6 .082 7 .095 | 5 .069 | 5 .070 | 4 .057 5 .071 6 .085 | 5 .072 |
| 6 .082 | 6 .083 | 6 .084 | 6 .085 | 6 .086 |
| 7 .095 | 7 .097 | 7 .098 | 7 .099 | 7 .101 |
| 8 .109 9 .123 | 8 .110 9 .124 | 8 · .112 9 · .126 | 8 .114 9 .128 | 8 .115 9 .129 |
| 10 .136 | 10 .138 | 10 .140 | 10 .142 | 10 .123 |
| 11 .150 | 11 .152 | 11 .154 | 11 .156 | 11 .158 |
| 12 .163 | 12 .166 | 12 .168 | 12 .170 | 12 .173 |
| 13 .177 | 13 .180 | 13 .182 | 13 .184 | 13 .187 |
| 14 .191 | 14 .193 | 14 .196 | 14 .199 | 14 .201 |
| 15 .204 16 .218 | $\begin{vmatrix} 15 & .207 \\ 16 & .221 \end{vmatrix}$ | $\begin{array}{c c} 15 & .210 \\ 16 & .224 \end{array}$ | 15 .213 16 .227 | $\begin{array}{ccc} 15 & .216 \\ 16 & .230 \end{array}$ |
| 17 .231 | 17 .235 | 17 .238 | 17 .241 | 17 .245 |
| 18 .245 | 18 .249 | 18 .252 | 18 .255 | 18 .259 |
| 19 .259 | 19 .262 | 19 .266 | 19 .270 | 19 .273 |
| 20 .272 | 20 .276 | 20 .280 | 20 .284 | 20 .288 |
| 21 .286 22 .300 | 21 .290 22 .304 | 21 .294 22 .308 | 21 .298 22 .312 | 21 .302 22 .316 |
| 23 .313 | 23 .318 | 23 .322 | 23 .326 | 23 .331 |
| 24 .327 | 24 .331 | 24 .336 | 24 .341 | 24 .345 |
| 25 .340 | 25 .345 | 25 .350 | 25 .355 | 25 .360 |
| 26 .354 | 26 .359 | 26 .364 | | 26374 |
| 27 .368 28 .381 | 27 .373 28 .387 | $\begin{bmatrix} 27 & .378 \\ 28 & .392 \end{bmatrix}$ | | 27 .388 28 .403 |
| 28 .381 29 .395 | 28 .387 29 .400 | 28 .392 29 .406 | | 29 .417 |
| 30 .408 | 30 .414 | 30 .420 | | 30 .432 |
| M0 * | MOI * | Mo * | | Mol |
| 1 .414 | $\frac{1}{1}$.420 | $\frac{1}{1}$.426 | 1 .432 | 1 .438 |
| 1 .414 2 .828 3 1.243 4 1.657 5 2.071 6 2.485 | 2 .840 | 2 .852 | 2 .863 | 2 .875 |
| 3 1.243 | 3 1.260 | 3 1.278 | 3 1.295 | 3 1.313 |
| 4 1.657 | 4 1.680 | 4 1.703 | 4 1.727 | 4 1.750 |
| 5 2.071 | 5 2.100 | 5 2.129 | 5 2.158 6 2.590 | 5 2.188 |
| $\begin{array}{c c} 6 & 2.485 \\ 7 & 2.899 \end{array}$ | $\begin{bmatrix} 6 & 2.520 \\ 7 & 2.940 \end{bmatrix}$ | 6 2.555 7 2.981 | $\begin{array}{ccc} 6 & 2.590 \\ 7 & 3.022 \end{array}$ | $\begin{array}{cccc} 6 & 2.625 \\ 7 & 3.063 \end{array}$ |
| 8 3.313 | 8 3.360 | 8 3.407 | 8 3.453 | 8 3.500 |
| 9 3.728 | 9 3.780 | 9 3.833 | 9 3.885 | 9 3.938 |
| 10 4.142 | 10 4.200 | 10 4.258 | 10 4.317 | 10 4.375 |
| 11 4.556 | 11 4.620 | | | 11 4.813 |
| Ys * | Ys * | YS * | Ys * | Ys |
| 1 4.970 | 1 5.040 | 1 5.110 | 1 5.180 | 1 5.250 |
| 2 9.940 | 210.080 | 2 10 . 220 | 210.360 | 2 10.500 |
| 3 14.910 | 3 15.120 | 3 15.330 | 3 15.540 | 3 15.750 |

MAXIMS.

Economy is the easy chair of old age.
Time is the most precious of all possessions.

| \$7.60 | | .77 | .78 | .79 | .80 |
|---|---|---------------------|---|--------------------|---|
| \$7.60 \$760.00 | | \$7.70 \$770.00 | \$7.80 \$780.00 | \$7.90 \$790.00 | \$8.00 |
| | * | | 1 | Days \$79 * | \$800.00 |
| Days: \$76 | | naysi # | nays, 200 | Day of the | Days \$80 1 .015 |
| $\begin{array}{c c} 1 & .015 \\ 2 & .029 \end{array}$ | | | 1 .015 2 .030 | 1 .015 | 1 .015 2 .031 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 2 .030 | 3 .045 | 2 .030 3 .045 | 3 .046 |
| | | 4 .059 | 4 .060 | 4 .061 | 4 .061 |
| 4 .058 5 .073 6 .087 | | 5 .074 | 5 .075 | 5 .076 | 5 .077 |
| 6 .087 | | 6 .089 | 6 .090 | 6 .091 | 6 .092 |
| 7 .102 8 .117 | | 7 .103 8 .118 | 7 .105 8 :120 | 7 .106 8 .121 | 7 .107 8 .123 |
| 9 .131 | | 9 .133 | 9 .135 | 9 .136 | 9 .138 |
| 10 .146 | | 10 .148 | 10 .150 | 10 .152 | 10 .153 |
| 11 .160 | | 11 .162 | 11 .165 | 11 .167 | 11 .169 |
| 12 .175 | | 12 .177 | 12 .180 | 12 .182 | 12 .184 |
| 13 .189 14 .204 | | 13 .192 14 .207 | 13 .194 14 .209 | 13 .197 14 .212 | 13 .199 14 .215 |
| 14 .204 15 .219 | | 15 .222 | 15 .224 | 15 .227 | 15 .230 |
| 16 .233 | 1 | 16 .236 | 16 .239 | 16 .242 | 16 .245 |
| 17 .248 | | 17 .251 | 17 .254 | 17 .258 | 17 .261 |
| 18 .262 | | 18 .266 | 18 .269 | 18 .273 | 18 .276 |
| 19 .277 20 .292 | | 19 .281 20 .295 | $\begin{vmatrix} 19 & .284 \\ 20 & .299 \end{vmatrix}$ | 19 .288 20 .303 | 19 .292 20 .307 |
| 21 306 | | 21 .310 | 21 .314 | 21 .318 | 21 .322 |
| 22 .321 | | 22 .325 | 22 .329 | 22 .333 | 22 .338 |
| 23 .335 | | 23 .340 | 23 .344 | 23 .348 | 23 .353 |
| 24 .350 | | 24 .354 | 24 .359 | 24 .364 | 24 .368 |
| 25 .364 26 .379 | | 25 .369 26 .384 | 25 .374 26 .389 | 25 .379 26 .394 | 25 .384 26 .399 |
| 27 .394 | | 27 .399 | 27 .404 | 27 .409 | 27 .414 |
| 28 .408 | | 28 .413 | 28 .419 | 28 .424 | 28 .430 |
| 29 .423 | | 29 .428 | 29 .434 | 29 .439 | 29 .445 |
| 30 .437 | | 30 .443 | 30 .449 | 30 .455 | 30 .460 |
| Mo | * | MO * | MO * | MC * | MO |
| 1 .443 | | 1 .449 | 1 .455 | 1 .461 | 1 .467 |
| 2 .887 3 1.330 | | 2 .898 | 2 .910 | 2 .922 3 1.383 | 2 .933 3 1.400 |
| $\begin{array}{c c} 3 & 1.330 \\ 4 & 1.773 \end{array}$ | | 3 1.348 4 1.797 | $\begin{bmatrix} 3 & 1.365 \\ 4 & 1.820 \end{bmatrix}$ | 3 1.383 4 1.843 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 5 2.217 | | 5 2.246 | 5 2.275 | 5 2.304 | 5 2.333 |
| 6 2.660 | | 6 2.695 | 6 2.730 | 6 2.765 | 6 2.800 |
| 7 3.103 | | 7 3.144 | 7 3.185 | 7 3.226 | 7 2.267 |
| 8 3.547 | | 8 3.593 | 8 3.640 | 8 3.687 | 8 3.733 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 9 4.043 10 4.492 | $\begin{vmatrix} 9 & 4.095 \\ 10 & 4.550 \end{vmatrix}$ | 9 4.148 | $\begin{vmatrix} 9 & 4.200 \\ 10 & 4.667 \end{vmatrix}$ |
| 11 4.877 | | 11 4.941 | 11 5.005 | 11 5.069 | 11 5.133 |
| YSI | * | YS * | YS * | Ys1 * | YSI |
| $\frac{13}{1}$ 5.320 | | 1 5.390 | $\frac{15}{1}$ 5.460 | 1 5.530 | 1 5.600 |
| 2 10.640 | | 210.780 | 2 10.920 | 2 11.060 | 211.200 |
| 3 15.960 | | 316.170 | 3 16.380 | 316.590 | 3 16.800 |
| | | | | | |

Wilful waste makes woeful want. What is done well enough, is done quick enough. Every man is the architect of his own fortune. They must hunger in frost, who will not work in heat.

| .81 \$8.10 | | \$8.20 | | \$8.30 | | .84 | 1 | \$8.50 |
|--|-----|--|-----|--|---|--|---|---|
| \$8.10 | | \$8.20 | | \$8.30 | | \$8.40 \$840.00 | | \$850.00 |
| Days \$81 | * | Days! \$82 | * | Days \$83 | * | Days \$84 | * | Days! \$85 |
| | | | | 1 .016 | | 1 .016 | 1 | |
| $\begin{vmatrix} 1 & .016 \\ 2 & .031 \end{vmatrix}$ | | | | 2 .032 | | | | $\begin{vmatrix} 1 & .016 \\ 2 & .033 \end{vmatrix}$ |
| 3 .047 | | 2 .031 3 .047 | | 3 .048 | | 2 .032 3 .048 | | 2 .033 .049 |
| 4 .062 | | 4 .063 | | 4 .064 | | 4 .064 | | 4 .065 |
| 5 .078 | | 5 • .079 | | 5 .080 | | 5 .081 | | 5 .082 |
| 6 .093 | | 6 .094 | | 6 .096 | | 6 .097 | | 6 .098 |
| 7 .109 | | 7 .110 | | 7 .111 | | 7 .113 | | 7 .114 |
| 8 .124 | | 8 .126 | | 8 .127 | | | | 8 .130 |
| | | 9 .142 | | 9 .143 | | 9 .145 | | 9 .147 |
| 10 .155 11 .171 | | 10 .157 11 .173 | | 10 .159 11 .175 | | $\begin{vmatrix} 10 & .161 \\ 11 & .177 \end{vmatrix}$ | | 10 .163 11 .179 |
| 12 .186 | | 12 .178 | | 12 .175 | | 12 .177 | | 12 .179 |
| 13 .202 | | 13 .204 | | 13 .207 | | 13 .209 | | 13 .212 |
| 14 .217 | | 14 .220 | | 14 .223 | | 14 .226 | | 14 .228 |
| 15 .233 | | 15 .236 | | 15 .239 | | 15 .242 | | 15 .245 |
| 16 .249 | | 16 .252 | | 16 .255 | | 16 .258 | | 16 .261 |
| 17 .264 | | 17 .267 | | 17 .271 | | 17 .274 | | 17 .277 |
| 18 .280 | | 18 .283 | | 18 .287 | | 18 .290 | | 18 .293 |
| 19 .295 20 .311 | | 19 .299 | | 19 .302 | | 19 .306 | | 19 .310 |
| 20 .311 21 .326 | | 20 .315 21 .330 | | 20 .318 21 .334 | | 20 .322 21 .338 | | 20 .326 21 .342 |
| 22 .342 | | 22 .346 | | 22 .350 | | 22 .354 | | 22 .359 |
| 23 .357 | | 23 .362 | | 23 .366 | | 23 .371 | | 23 .375 |
| 24 .373 | 1 | 24 .377 | | 24 .382 | | 24 .387 | | 24 .391 |
| 25 .388 | | 25 .393 | | 25 .398 | | 25 .403 | | 25 .408 |
| 26 .404 | | 26 .409 | | 26 .414 | | 26 .419 | | 26 .424 |
| 27 .419 | | 27 .425 | | 27436 | | 27 .435 | | 27 .440 |
| 28 .435 29 .450 | | 28 .440 29 .456 | | 28 .446 | | 28 .451 29 .467 | | 28 .456 |
| $\begin{vmatrix} 29 & .450 \\ 30 & .466 \end{vmatrix}$ | | 29 .456 30 .472 | | 29 .462 30 .478 | | 29 | | 29 .473 30 .489 |
| | -%- | | -%- | [| * | | | |
| Mo | * | Mo | * | MO | * | MO | * | Mo |
| 1 .473 | | 1 .478 | | 1 .484 | | 1 .490 | | 1 .496 |
| 2 .945 3 1.418 | | 2 .957 3 1.435 | | $\begin{vmatrix} 2 & .968 \\ 3 & 1.453 \end{vmatrix}$ | | 2 .980 3 1.470 | | 2 .992 3 1.488 |
| 4 1.890 | | 3 1.435 4 1.913 | | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | $\begin{vmatrix} 3 & 1.470 \\ 4 & 1.960 \end{vmatrix}$ | | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 4 1.890 5 2.363 6 2.835 7 3.308 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | | 5 2.421 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 6 2.835 | | 6 2.87 | | 6 2.905 | | 6 2.940 | | $\begin{array}{c c} 6 & 2.413 \\ 6 & 2.975 \end{array}$ |
| 7 3.308 | | 7 3.348 | | 7 3.389 | | 7 3.430 | | 7 3.471 |
| 8 3.780 | | 8 3.827 | | 8 3.873 | | 8 3.920 | | 8 3.967 |
| 9 4.253 | | 9 4.305 | | 9 4.358 | | 9 4.410 | | 9 4.463 |
| 10 4.725 | | 10 4.783 | | 10 4.842 | | 10 4.900 | | 10 4.958 |
| 11 5.198 | | 11 5 262 | | 11 5.326 | | 11 5.390 | | 11 5.454 |
| Ysi | * | Ys | * | YSI | * | Ys | * | Ys |
| 1 5.670 | | 1 5.740 | | 1 5.810 | | 1 5.880 | | 1 5.950 |
| 2 11.340 | | 2 11.480 | | 2 11.620 | | 2 11.760 | | 2 11.900 |
| 3 17.010 | | 3 17.220 | | 3 17.430 | | 3 17.640 | U | 3 17.850 |

He who serves well, need not be afraid to ask his wages. What thou canst do thyself, commit not to another. A slothful man is a beggar's brother.

An ill servant will never be a good master.

| Section |
|--|
| \$860.00 \$\begin{array}{ c c c c c c c c c c c c c c c c c c c |
| \$860.00 \$\begin{array}{ c c c c c c c c c c c c c c c c c c c |
| 1 .016 1 .017 1 .017 1 .017 2 .034 2 .034 2 .035 3 .050 3 .051 3 .051 3 .052 3 .052 3 .051 3 .052 3 .052 3 .051 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 4 .068 4 .068 4 .068 4 .068 5 .085 5 .086 6 .099 6 .100 6 .101 6 .102 6 .104 7 .115 7 .117 7 .118 7 .119 7 .121 8 .132 8 .133 8 .135 8 .137 9 .152 9 .154 9 .155 10 .165 10 .167 |
| 1 .016 1 .017 1 .017 1 .017 2 .034 2 .034 2 .035 3 .050 3 .051 3 .051 3 .052 3 .052 3 .051 3 .052 3 .052 3 .051 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 3 .052 4 .068 4 .068 4 .068 4 .068 5 .085 5 .086 6 .099 6 .100 6 .101 6 .102 6 .104 7 .115 7 .117 7 .118 7 .119 7 .121 8 .132 8 .133 8 .135 8 .137 9 .152 9 .154 9 .155 10 .165 10 .167 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
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| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 14 .231 14 .234 14 .236 14 .239 14 .242 15 .247 15 .250 15 .253 15 .256 15 .259 16 .264 16 .267 16 .270 16 .273 16 .276 17 .280 17 .284 17 .287 17 .290 17 .293 18 .297 18 .300 18 .304 18 .307 18 .311 19 .313 19 .317 19 .321 19 .324 19 .328 20 .330 20 .334 20 .338 20 .341 20 .345 21 .346 21 .350 21 .354 21 .358 21 .358 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 16 .264 16 .267 16 .270 16 .273 16 .276 17 .280 17 .284 17 .287 17 .290 17 .293 18 .297 18 .300 18 .304 18 .307 18 .311 19 .313 19 .317 19 .321 19 .324 19 .328 20 .330 20 .334 20 .388 20 .341 20 .342 21 .346 21 .350 21 .354 21 .358 21 .362 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 18 .297 18 .300 18 .304 18 .307 18 .311 19 .313 19 .317 19 .321 19 .324 19 .328 20 .330 20 .334 20 .388 20 .341 20 .342 21 .346 21 .350 21 .354 21 .358 21 .362 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 20 .330 20 .334 20 .338 20 .341 20 .345 21 .346 21 .350 21 .354 21 .358 21 .362 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| 21 .346 21 .350 21 .354 21 .358 21 .362 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| 22 .363 22 .367 22 .371 22 .376 22 .380 23 .379 23 .384 23 .388 23 .393 23 .397 |
| 23 .379 23 .384 23 .388 23 .393 23 .397 |
| |
| |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 26 .429 26 .434 26 .439 26 .444 26 .449 |
| 27 .445 27 .450 27 .456 27 .461 27 .466 |
| 28 .462 28 .467 28 .473 28 .478 28 .483 |
| 29 .478 29 .484 29 .489 29 .495 29 .501 |
| 30 .495 30 .501 30 .506 30 .512 30 .518 |
| MO * MO * MO * MO * MO |
| |
| |
| 2 1.003 2 1.015 2 1.027 2 1.038 2 1.050 3 1.505 3 1.523 3 1.540 3 1.558 3 1.575 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| 6 3.010 6 3.045 6 3.080 6 3.115 6 3.150 |
| 7 3.512 7 3.553 7 3.593 7 3.634 7 3.675 |
| 8 4.013 8 4.060 8 4.107 8 4.153 8 4.200 |
| 9 4.515 9 4.568 9 4.620 9 4.673 9 4.725 |
| 10 5.017 10 5.075 10 5.133 10 5.192 10 5.250 |
| 11 5.518 11 5.583 11 5.647 11 5.711 11 5.775 |
| Ys * Ys * Ys * Ys |
| |
| |
| $egin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 5.10.000 5/10.270 5/10.460 5/10.090 5/10.900 |

Opinion is private property, which the law cannot seize. Revenge is the only debt which it is wrong to pay. Past services should never be forgotten. Gold has more worshipers than God.

| | | | | | | 1.1 | | |
|--|-----|---|---|---|----|--|-----|---|
| \$9.10 | | .92 | | .93 | | .94 | | .95 |
| \$9.10 | | \$9.20 | | \$9.30 | | \$9.40 | | \$9.50 \$950.00 |
| \$910.00 | * | \$920.00 | * | \$930.00 | * | \$940.00 | * | |
| Days \$91 | , i | Days \$92 | " | Days \$93 | | Days \$94 | | Days \$95 |
| $\begin{array}{c c} 1 & .017 \\ 2 & .035 \end{array}$ | | $\begin{vmatrix} 1 & .018 \\ 2 & .035 \end{vmatrix}$ | | $\begin{array}{c c} 1 & .018 \\ 2 & .036 \end{array}$ | | 1 .018 2 .036 | | 1 .018 2 .036 |
| 2 .035 3 .052 | | 3 .053 | | 3 .054 | | 2 .036 3 .054 | | 3 .055 |
| | | 4 .071 | | 4 .071 | | 4 .072 5 .090 | | 4 .073 |
| 4 .070 5 .087 | | 4 .071 5 .088 | | 5 .089 | | 5 .090 | | 5 .091 |
| 6 .105 | | 6 .106 | | 6 .107 | | 6 .108 | | 6 .109 |
| 7 .122 8 .140 | | 7 .124 8 .141 | | 7 .125 8 .143 | | 7 .126 8 .144 | | 7 .128 8 .146 |
| 9 .157 | | 9 .159 | | 9 .161 | | 9 .162 | | 9 .164 |
| 10 .175 | | 10 .176 | | 10 .178 | | 10 .180 | | 10 .182 |
| 11 .192 | | 11 .194 | | 11 .196 | | 11 .198 | | 11 .200 |
| 12 .209 | | 12 .212 | | 12 .214 | | 12 .216 | | 12 .219 |
| 13 .227 14 .244 | | 13 .229 14 .247 | | 13 .232 14 .250 | | 13 .234 14 .252 | | 13 .237 14 .255 |
| 15 .262 | | 15 .265 | | 15 .268 | | $\begin{vmatrix} 14 & .232 \\ 15 & .270 \end{vmatrix}$ | | 15 .273 |
| 16 .279 | | 16 .282 | | 16 .285 | | 16 .288 | | 16 .292 |
| 17 .297 | | 17 .300 | | 17 .303 | | 17 .306 | | 17 .310 |
| 18 .314 | | 18 .318 | | 18 .321 | | 18 .324 | | 18 .328 |
| 19 .332 20 .349 | | 19 .335 20 .353 | | 19 .339 20 .357 | | 19 .343 20 .361 | | 19 .346 20 .364 |
| 21 .366 | | 21 .371 | | 21 .375 | | 21 .379 | | 20 .304 |
| 22 .384 | | 22 .388 | | 22 .392 | | 22 .397 | | 22 .401 |
| 23 .401 | | 23 .406 | | 23 .410 | | 23 .415 | | 23 .419 |
| 24 .419 | | 24 .423 | | 24 .428 | | 24 .433 | | 24 .437 |
| $\begin{vmatrix} 25 & .436 \\ 26 & .454 \end{vmatrix}$ | | 25 .441 26 .459 | | 25 .446 26 .464 | | 25 .451 26 .469 | | 25 .455 26 .474 |
| 27 .471 | | 27 .476 | | 27 .482 | | 27 .487 | | 27 .492 |
| 28 .489 | | 28 .494 | | 28 .499 | | 28 .505 | | 28 .510 |
| 29 .506 | | 29 .512 | | 29 .517 | | 29 .523 | | 29 .528 |
| 30 .524 | ., | 30 .529 | | 30 .535 | ., | 30 .541 | | 30 .547 |
| Mo | * | Mo | * | Mo | * | Mo | * | Mo |
| 1 .531 | | 1 .537 | | 1 .543 | | 1 .548 | | 1 .554 |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 2 1.073 3 1.610 | | 2 1.085 3 1.628 | | 2 1.097 3 1.645 | | 2 1.108 3 1.663 |
| $\frac{3}{4}$ $\frac{1.595}{2.123}$ | | $\begin{array}{c} 3 & 1.010 \\ 4 & 2.147 \end{array}$ | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | $\begin{array}{c} 3 & 1.005 \\ 4 & 2.217 \end{array}$ |
| 5 2.654 | | 5 2.683 | | 5 2.713 | | 5 2.742 | | 5 2.771 |
| 6 3.185 | | 6 3.220 | | 6 3.255 | | 6 3.290 | | 6 3.325 |
| 7 3.716 | | 7 3.757 | | 7 3.798 | | 7 3.838 | | 7 3.879 |
| 8 4.247 9 4.778 | | 8 4.293 9 4.830 | | 8 4.340 | | 8 4.387 9 4.935 | | 8 4.433 9 4.988 |
| 10 5.308 | | 9 4.830 10 5.367 | | 9 4.883 10 5.425 | | 10 5.483 | | 10 5.542 |
| 11 5.839 | | 11 5.903 | | 11 5.968 | | 11 6.032 | | 11 6.096 |
| Ys | * | Ysi | * | Ys | * | Ysi | * | Ys |
| $\frac{10}{1}$ 6.370 | | 1 6.440 | | $\frac{15}{1}$ 6.510 | | $\frac{10}{1}$ 6.580 | | 1 6.650 |
| 2 12.740 | | 2 12.880 | | 2 13.020 | | 2 13.160 | | 2 13.300 |
| 3 19.110 | | 3 19.320 | | 3 19.530 | | 3 19.740 | . (| 3 19.950 |
| | | | | | | | | |

Honesty is the best policy; but he who acts upon this principle is not an honest man.

There are none so wicked as represented; none so good as they should

be.

| 22 | | INTEREST | | LES AT SEV | VEN 1 | PER CENT. | | |
|--|----|------------------------------|----|---|-------|--|----|--|
| \$9.60 \$960.00 | | \$9.70 \$9.70 \$970.00 | | \$9.80 \$980.00 | | \$9.90 \$9.90 \$990.00 | | \$1.00 \$10.00 \$1000.00 |
| Days \$96 | * | Days 897 | * | Daysi \$98 | * | Davs \$99 | * | R'S \$100 |
| 1 .018 | | 1 .019 | | 1 .019 | | 1 .019 | | 1019 |
| 2 .037 | | 2 .037 3 .056 | | 2 .038 | | 2 .038 | | 2 .038 |
| 2 .037 3 .055 4 .074 | | | | 3 .056 | | 3 .057 | | 3 .058 |
| $\begin{bmatrix} 4 & .074 \\ 5 & .092 \end{bmatrix}$ | | 4 .074 | | 4 .075 | | 4 .076 | | 4 .077 |
| 6 .110 | | 5 .093 6 .112 | | 5 .094 6 .113 | | 5 .095 6 .114 | | 5 .096 6 .115 |
| 5 .092 6 .110 7 .129 8 .147 9 .166 | | 7 .130 | | 7 .132 | | 7 .133 | | 7 .134 |
| 8 .147 | | 8 .149 | | 8 .150 | | 8 .152 | | 8 .153 |
| | | 9 .167 | | 9 .169 | | 9 .171 | | 9 .173 |
| 10 .184 | | 10 .186 | | 10 .188 | | 10 .190 | | 10 .192 |
| 11 .203 12 .221 | | 11 .205 12 .223 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 11 .209 12 .228 | | 11 .211 |
| 13 .239 | | 13 .242 | | 13 .244 | | 13 .226 | | 12 .230 13 .249 |
| 14 .258 | | 14 .260 | | 14 .263 | | 14 .266 | | 14 .268 |
| 15 .276 | | 15 .279 | | 15 .282 | | 15 .285 | | 15 .288 |
| 16 .295 | | 16 .298 | | 16 .301 | | 16 .304 | | 16 .307 |
| 17 .313 18 .331 | | 17 .316 18 .335 | | 17 .320 18 .338 | | 17 .325 | | 17 .326 |
| 18 .331 19 .350 | | 18 .335 19 .353 | | 18 .338 19 .357 | | 18 .342 19 .361 | | 18 .345 19 .364 |
| 20 .368 | | 20 .372 | | 20 .376 | | 20 .380 | | 20 .384 |
| 21 .387 | | 21 .391 | | 21 .395 | | 21 .399 | | 21 .403 |
| 22 .405 | | 22 .409 | | 22 .413 | | 22 .418 | | 22 .422 |
| 23 .423 24 .442 | | 23 .428 | | 23 .432 | | 23 .437 | | 23 .441 |
| 24 .442 25 .460 | | 24 .446 25 .465 | | 24 .451 25 .470 | | 24 .456 25 .475 | | 24 .460 25 .479 |
| 26 .479 | | 26 . 484 | | 26 .489 | | 26 .494 | | 26 .479 |
| 27 .497 | | 27 .502 | | 27 .507 | | 27 .513 | | 27 .518 |
| 28 .516 | | 28 .521 | | 28 .526 | | 28 .532 | | 28 .537 |
| 29 .534 | | 29 .539 | | 29 .545 | | 29 .551 | | 29 .556 |
| 30 .552 | * | 30 .558 | * | 30 .564 | * | 30 .570 | * | 30 .575 |
| Mo | 74 | Mo | 7. | Mol | ** | MO | 76 | MO |
| 1 .560 2 1.120 3 1.680 4 2.240 | | 1 .566 | | 1 .572 | | 1 .578 | | 1 .583 |
| 2 1.120 3 1.680 | | 2 1.132 3 1.698 | | 2 1.143 3 1.715 | | 2 1.155 3 1.733 4 2.310 5 2.888 | | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| 4 2.240 | | 4 2.263 | | 4 2.287 | | 4 2.310 | | 4 2 333 |
| 5 2.800 | | 5 2.829 | | 5 2.858 | | 5 2.888 | | 5 2.917 |
| 6 3.360 | | 6 3.395 | | 6 3.430 | | 6 3.465 | | 6 3.500 |
| 7 3.920 | | 7 3.961 | | 7 4.002 | | 7 4.043 | | 7 4.083 |
| 8 4.480 9 5.040 | | 8 4.527 9 5.093 | | 8 4.573 9 5.145 | | 8 4.620 9 5.198 | | 8 4.667 9 5.250 |
| 10 5.600 | | 10 5.658 | | 10 5.717 | | 10 5.775 | | 10 5.833 |
| 11 6.160 | | 11 6.224 | | 11 6.288 | 1 | 1 6.353 | | 11 6.417 |
| Ysi | * | Ysi | * | YSI | * | YSI | * | YSI |
| 1 6.720 | | $\frac{10}{1}$ 6.790 | | 1 6.860 | | 1 6.930 | | $\frac{10}{1}$ 7.000 |
| 2 13.440 | | 2 13.580 | | 213.720 | | 2 13.860 | | 2 14.000 |
| 3,20.160 | | 3.20.370 | | 320.580 | | 3 20.790 | | 321.000 |
| | | | | | | | | |

Man doubles his evils by brooding upon them. Good nature collects honey from every herb; ill nature sucks poison from the sweetest flowers. He that neglects time, him time will neglect.

THE RIGHTS, DUTIES AND OBLIGATIONS

OF PARTIES TO

COMMERCIAL PAPER.

The parties to Commercial Paper are, as the case may be:

The Drawer or Promisor, or person who draws and signs the paper.

The Drawee, or person on whom the request or demand is made.

The Payee, Promisee, or Indorsee, or person to whom the money is directed to be paid.

The Indorser, or person who indorses or writes his name on the back of a note, bill of exchange, draft or check, and who, by this act, makes himself liable to pay the same.

Commercial paper may be negotiable or non-negotiable.

By Negotiable Paper is meant that which may be freely transferred from one owner to another, so that the transferee, or holder, may sue the same in his own name, without being subject to any set-offs, or legal or equitable defences existing between the original parties, if transferred for a valuable consideration before maturity, and received without any defect therein. In other words, it means Bills of Exchange, or Promissory Notes, or Drafts, or Checks payable to the order of a payee or to bearer, Bank Notes, Coupon Bonds, Certificates of Deposit and Letters of Credit.

By Non-Negotiable Paper is meant that which is made payable to the payee therein designated, without authority to transfer it to a third party. It may be passed from one party to another by indorsement or assignment, but it will then be subject to all set-offs, and legal or equitable defences existing between the original parties.

The Title to Negotiable Paper Passes by Delivery, if made payable to bearer, or to payee or bearer, but if made payable to payee or order, the title passes by indorsement and delivery. The title to non-negotiable paper passes by indorsement and delivery, or by a mere verbal assignment and delivery.

The Primary Debtor, in the case of a promissory note, is the drawer or promisor. To a bill of exchange or draft, there are three parties—the

drawer, drawee and payee. On the acceptance of a bill or draft, the acceptor or drawee becomes the primary debtor upon the same.

The Promise of the note, and the order of the bill or draft, must be absolute. Words expressive of mere intention do not make a promissory note, and a mere request without an order does not make a bill of exchange or draft. No particular set of words are absolutely necessary in either case; if from all the language the distinct promise or positive order is inferred, it is sufficient.

A Negotiable Instrument, (bill of exchange, draft, or promissory note,) must be made payable in money only, and a definite amount specified therein. When made payable in anything else, or by the performance of any act, there is no presumption that it is founded upon a valuable consideration. A consideration must be alleged in the complaint and proved on trial.

A Negotiable Instrument may be with or without date; with or without seal; and with or without designation of the time or place of payment. It may be written upon any paper or proper substitute for it, in any language, in ink or pencil. A name may be signed or indorsed by mark; the instrument may contain a pledge of collateral security, with authority to dispose thereof.

The date may be inserted by the maker of a negotiable instrument, whether past, present, or future, and the instrument is *not* invalidated by his death or incapacity at the time of the *nominal* date. If no time of payment is specified in the instrument, it is payable *immediately*. If no place of payment is designated, it is payable wherever held at maturity.

If made payable to the order of the maker, or of a fictitious person, if issued by the maker for a valid consideration, without indorsement, it has the same effect against him and all other persons having knowledge of the facts, as if payable to the bearer. If made payable to the order of a person *obviously fictitious*, it is payable to the bearer.

When there is not room for an indorsement on the *back* of the instrument, a signature equivalent to an indorsement thereof may be made on a paper attached thereto, or on the face of the instrument.

Indorsements are general or special; general if no indorsee is named; special if one is named. If bearing a general indorsement, it cannot be subsequently specially indorsed; but any lawful holder may turn a general indorsement into a special one, by writing above it a direction for payment to a particular person.

Every indorser of a negotiable instrument warrants to every subsequent holder thereof, who is not liable thereon to him:

- 1st. That it is in all respects what it purports to be.
- 2d. That he has a good title to it.
- 3d. That the signatures of all prior parties are binding upon them; and,

4th. That if the instrument is dishonored, the indorser will, upon notice thereof duly given unto him, or without notice where it is excused by law, pay so much of the same as the holder paid therefor, with interest.

An indorser who qualifies his indorsement with the words "without recourse," or their equivalent, is responsible only to the same extent as in the case of a transfer without indorsement.

An indorsee has the same right against every prior party thereto, that he would have had if the contract had been made directly between them in the first instance.

An indorser has all the rights of a guarantor, and is exonerated from liability in like manner.

An indorser, at the request, and for the *accommodation* of another party to the instrument, has all the rights of a surety, and is exonerated in like manner, in respect to every one having notice of the facts, except that he is not entitled to contributions from subsequent indorsers.

The want of consideration for the undertaking of a drawer, drawee, or indorser of the instrument, does not exonerate him from liability thereon to an indorsee in good faith and for a consideration.

One who makes himself a party to an instrument intended to be negotiable, but which is left wholly or partly in blank, for the purpose of filling afterwards, is liable upon the instrument to an indorsee thereof, in due course, in whatever manner, and at whatever time it may be filled, so long as it remains negotiable in form.

It is not necessary to make a demand of payment upon the principal debtor in order to charge him; but if the instrument is, by its terms, payable at a specified place, and he is able and willing to pay it there at maturity, such ability and willingness are equivalent to an offer of payment upon his part.

Of Presentment for Demand of Payment.—Negotiable paper must be presented for payment, when necessary, as follows, as near as by reasonable diligence it is practicable:

1st. It must be presented by the holder, or his authorized agent.

2d. It must be presented to the *principal debtor*, if he can be found at the place where presentment should be made, and if not, then it must be presented to some other person of discretion, (who is in the habit of paying money for the principal debtor,) if one can be found there, and if

not, then it must be presented to a notary public within the State.

3d. An instrument which specifies a place for its payment, must be presented there; and if the specification includes any of several different places, presentment at any one of them will be sufficient. If payable at a banker's, or at the house or counting-room of any person, and such banker or person becomes the owner at maturity, this is demand enough; and if there are no funds deposited with him for payment, this is refusal enough. If any house be designated, a presentment to any person there, or at the door, if the house be shut up, is enough.

4th. If no place of payment is specified, it must be presented at the place of residence or business of the principal debtor, or wherever he may be found, at the option of the presentor.

5th. It must be presented upon the day of its apparent maturity, within reasonable hours, and, if it is payable at a banking house, within the usual banking hours of the vicinity; but by the consent of the person to whom it should be presented, it may be presented at any hour of the day. Bankruptcy or insolvency of the payer is no excuse for non-demand; when a demand is made, the bill or note should be exhibited, although this is not absolutely necessary.

In this country, all negotiable paper payable at a certain time after date, sight, or demand, is entitled to grace, which here means three days' delay of payment, unless it be expressly stated and agreed that there shall be no grace; and a presentment for payment before the last day of grace, is premature, the note not being due until then. If the last day of grace falls on a Sunday, or on a legal holiday, the paper is due on the day preceding. But if there be no grace, and the note falls due on a Sunday, or other holiday, it is not due and payable until the following day. In New York, Pennsylvania, Virginia, and some other States, no grace is allowed on paper made payable at sight.

The Apparent Maturity of a Negotiable Instrument, payable at a particular time, is the day on which, by its terms, it becomes due; but when that day falls on a Sunday or a legal holiday, it must be paid on the previous day, except there be no grace, when the preceding paragraph will govern.

The Apparent Maturity of a Bill of Exchange or draft, payable at sight or on demand, is:

- 1. If it bears interest, one year after its date; or,
- 2. If it does not bear interest, ten days after date, in addition to the time which would suffice, with ordinary diligence, to forward it for acceptance.

The apparent maturity of a promissory note, payable at sight or on demand, is:

- 1. If it bears interest, one year after its date; or,
- 2. If not on interest, six months after date.

When a promissory note is payable at a certain time after sight or demand, such time is to be added to the period mentioned in the preceding paragraph.

A party to a negotiable paper may require of the holder, on its payment to him:

- 1. That the instrument be surrendered to him, unless it is lost or destroyed, or the holder has other claims upon it; or,
- 2. If the holder has a right to retain the instrument, and does not retain it, then that a receipt for the amount paid, or an exoneration of the party paying, be written thereon; or,
- 3. If the instrument be lost, then that the holder give to him a bond, executed by himself and two sufficient sureties, to indemnify him against any lawful claim thereon; or,
- 4. If the instrument is destroyed, then that proof of its destruction be given him.

A negotiable instrument is dishonored, when it is either not paid or not accepted, according to its tenor, on presentment for the purpose, or without presentment, where that is excused.

Of Protest and Notice.—The notice of protest or dishonor may be given by a holder, or by a party to the instrument who might be compelled to pay it to the holder, and who would, upon taking it up, have a right to reimbursement from the party to whom the notice is given, or by a notary public, or by any respectable inhabitant in the presence of a witness.

The protest must be made by a notary public after the demand of acceptance or payment has been made and refused, and all the facts should be noted on the day of demand and refusal, and may be filled up afterwards, even so late as at the trial. Notice must be given, even to one who has knowledge of its dishonor. No particular form is necessary; it may be written or oral; all that is positively necessary is, that it should specify the note or bill with sufficient distinctness, and state that it has been dishonored; and also that the party notified is looked to for payment; it may be given personally, or sent by mail, postage paid. No copy of the protest need be sent to indorsers, but information of the protest should be given.

If a party, to whom notice of dishonor should otherwise be given, be dead, the notice must be given to one of his personal representatives; or

if there be none, then to any member of his family who resided with him at his death; or, if there be none, then it must be enclosed as a letter, properly directed to his last place of residence, depositing it in the post office and paying the postage thereon.

A Protest or Notice of Dishonor sent to a party after his death, but in ignorance thereof, and in good faith, is valid.

When given by the holder of an instrument, or his agent, otherwise than by mail, it must be given on the day of dishonor, or on the next business day following: when given by mail, it must be deposited in the post office in time for the first mail which closes after noon of the first business day succeeding this dishonor, and which leaves the place where the instrument was dishonored, for the place to which the notice should be sent. If the parties live in the same village or city, notice should not be sent by mail, unless the person whom it is desired to notify resides within the limits served by a regular postal letter carrier, but should be served personally on the indorser or drawer, or sent to his residence or place of business.

When a bill is protested for non-acceptance, the drawer is obligated to pay it immediately, even though the specified time has not expired.

When the *holder* of a negotiable paper, at the time of its dishonor, is a mere *agent for the owner*, he should give notice to his principal in the same manner as to an indorser, and his principal may give notice to any other party to be charged, as if he were himself an indorser. And if an *agent* of the *owner* employs a *sub-agent*, it is sufficient for each successive agent or sub-agent to give notice in like manner to *his own principal*.

Each party receiving notice has a day, or until the next mail after the day in which he receives it, before he is obliged to send the notice forward. Thus, if there be six indorsers, and the instrument is due on the 13th of June, at Albany, and is then demanded and unpaid, the holder may send it by any mail which leaves Albany on the 14th of June, (or if the 14th falls on Sunday, then it must be sent on the 15th.) to the last indorser, where he lives; and that indorser may send it to the indorser immediately before him, by any mail on the day succeeding the one on which he receives it; and so may each of the parties receiving notice; and all the parties to whom notice is sent in this way will be held. But this additional time is available only to the particular party entitled thereto.

The holder may always give notice to all antecedent parties, and it is always prudent, and in this country, usual, to do so. For the holder loses all remedy against all those who are discharged by the failure of any one receiving notice to transmit it properly. But if a holder under-

takes to notify all the antecedent parties, he must notify all as soon as he was obliged to notify the party nearest to him; that is, the day after the dishonor of the note.

Of Partial Payments.—When made, the creditor or holder of the paper should write across the back of the note, bond, or other obligation, the date and amount paid. The method approved by the United States Supreme Court, for casting interest upon bonds, notes or other obligations, upon which partial payments have been made, is to apply the payment in the first place to the discharge of the interest then due.

If the payment exceeds the interest, the *surplus* goes towards discharging the principal, and the subsequent interest is to be computed on the balance of the principal remaining due. But if the payment be less than the interest due, the surplus of interest must *not* be taken to augment the principal, but interest continues on the *former* principal until the time when payments, taken together, exceed the interest due; and then the surplus is to be applied towards discharging the principal.

In drawing a note, the drawer will find it more convenient to make it payable in one, two or three months, than at thirty, sixty or ninety days, and may sometimes save the paper from dishonor; for unless accurately counted, a day may be lost, as some months have thirty days, while others have thirty-one; and though the note was given on the 20th of one month, at thirty days, it might not fall due on the same day of the next month, plus grace; while if written, one month, &c., it would invariably fall due on the same day of the next month, plus grace; as when the term "months" is made use of, it is the calendar, and not lunar, month.

If notes are to draw interest from their date, or from a given time after date, the fact must be so stated in the body of the notes.

When the rate per cent is not specified in any instrument bearing interest, the legal rate is understood. In some States the laws allow parties to give and take higher rates, by special agreement.

Book accounts bear interest after the expiration of the term of credit, and notes are on interest after they become due, though no mention of interest is made in them. If, however, the holder of negotiable paper, not indorsed and not bearing interest, neglects to present the same for payment at maturity, he cannot maintain an action to recover interest or damages and costs incurred thereon between the time of maturity and presentment for payment from the payor, providing the latter can prove his ability and readiness to pay it, at that time; and paper drawing interest ceases to do so when, under similar conditions, payment is not demanded at the proper time, and the payor may discharge himself from all damages and costs beyond the amount of the paper.

FORMS.

CHECKS.

No. 1.—NEGOTIABLE.

\$37.00.

Rome, Ост. 1st, 1869.

First National Bank of Rome:

Pay to John H. Jones, or order, Thirty-Seven Dollars.

WILLIAM TELL.

If desired, the words "or order," in the first form, may be omitted, and the words "or bearer," substituted. This will have the effect to make it transferable without the indorsement of the payee, though it is always best to have the indorsement even in such cases.

No. 2.—Non-Negotiable.

Same as the above, with the words "or order," omitted.

DRAFTS, OR INLAND BILLS OF EXCHANGE.

No. 1.—NEGOTIABLE.

\$225.00.

MEXICO, Aug. 12TH, 1869.

At sight, (it may be Five, Ten or more days after sight or date,) pay to the order of George C. Buck, Two Hundred and Twenty-five Dollars, value received, and charge the same to account of

JOHN DOE.

To Walter Markham & Co., \ Amsterdam, N. Y.

No. 2.—Non-Negotiable.

Same as above, except that the words "to the order of," should be omitted.

NOTES.

No. 1.—NEGOTIABLE.

\$154.75.

Syracuse, July 5th, 1869.

Two months after date, for value received, I promise to pay to the order of John H. Jones, One Hundred and Fifty-four and 75–100 Dollars, at Mechanics National Bank, with interest.

George C. Williams.

No. 2.—NEGOTIABLE.

\$220.00.

OSWEGO, JULY 10TH, 1869.

Six months after dute, for value received, I promise to pay James C. Thompson, or bearer, Two Hundred and Twenty Dollars, at my house.

LORENZO SMITH.

No. 3.—NEGOTIABLE.

\$45.00.

ONEIDA, DEC. 15TH, 1869.

On demand, I promise to pay John Smith, or order, Forty-five Dollars, with interest, at his store, for value received. Hugh Whitcomb.

No. 4.—Non-Negotiable.

\$75.50.

Onondaga, Aug. 10th, 1869.

One month after date, for value received, I promise to pay Alfred Wheeler Seventy-five and 50-100 Dollars, with interest.

LYMAN TREMAIN.

RECEIPTS.—Too much importance cannot, perhaps, be attached to the practice of taking receipts for monies and valuables paid or transferred to other parties, as they are generally considered a sufficient refutation of any claims which a creditor, through inadvertence, may present a second time, and in the absence of which, or other collateral evidence, you may be compelled to pay twice for the same thing. More especially is this important where you act as an intermediate agent between two principals. It is a dangerous practice, which is too frequently indulged in, to suppose that the person with whom you transact business will make the proper entries, and thus obviate the necessity of your doing so; for though he may design doing this, he is liable to err. It should be remembered that each one keeps a record of his business transactions for his own convenience and safety, and not for the accommodation of his neighbors. Receipts, however, afford only subsidiary evidence of the complete or partial satisfaction of an account, contract, agreement, or other obligation, and are always open to testimony, either in defense or refutation. They are of all degrees of fullness, and it is always advisable to specify the particulars for which the money was paid or the thing transferred, except the acknowledgement in full is made on a written or printed instrument, when the words, "Received Payment," with the date and signature attached, is sufficient. Their form may be varied to suit the circumstances of any particular case, as all that is ne-

| cessary is to acknowledge the receipt of a valuable consideration, and state with sufficient clearness for what the same was received. The following forms for general use are subjoined: |
|---|
| (Date.) |
| Received from (here give name and date, and for what purpose; and if received from the agent of the principal debtor, both names should be given,) |
| (Signature.) |
| |
| (Date.) |
| Received from |
| Dollars, on account of and in part payment for |
| (Signature.) |
| |
| (Date.) |
| Received from |
| for amount in full of all dues to date. |
| (Signature.) |
| |
| |
| (Date.) |
| The following (papers, or other articles, which onumerate and describe,) |
| were delivered to me by |
| and if they are delivered for any particular purpose, describe that,) the receipt of which I hereby acknowledge. |
| (Signature.) |
| |
| |
| ${\bf A}$ partial payment on a note or other negotiable instrument may be receipted thus: |
| . (Date.) |
| Received on the within (note, or other instrument, which name,) Dollars. |
| (No signature is necessary.) |
| |

NEW METHOD OF COMPUTING INTEREST,

ON ANY PRINCIPAL, FOR ANY GIVEN TIME AND RATE,

BY CANCELLATION.

Notwithstanding the fact that certain reformers are agitating the question of charging interest on money lent, with a view to abolishing the practice as unjust, it is quite certain that, should their efforts eventually prove successful, a very long period must elapse before it is universally thrown into disuse. But we are not concerned with the discussion of this problem here. So long as it is customary and lawful to charge interest, unique and simple methods of computing it will be welcome. The one here presented possesses many peculiar advantages over the ordinary processes, as will be seen by examining the examples by which it is illustrated. It is presumed that the nature of interest is understood by all into whose hands this work may find its way; hence its discussion will not be attempted.

When the interest on any given principal for any exact number of years is required, it will only be necessary to multiply the principal by the rate per cent., and that product by the number of years, as in the ordinary method.

To find the interest on \$60, for 317 days, at 6 per cent., we place the principal, time and rate per cent. on the right of a vertical line, and 360, or its factors 12 and 30, on the left, thus:—

 the line can be eliminated. Hence, 30 on the left is contained twice in 60 on the right; twice 6 on the right equals 12 on the left. Since 317 is the only remaining factor, this, with the separatrix placed between the dollars and cents, is the answer. It will be understood that the rate per cent. is six hundredths instead of the whole number six, as represented in the example, and that the cipher and separatrix are omitted for convenience; hence, the result should be divided by 100 to obtain the correct answer.

The practice of expressing the rate per cent. as read, by using the cipher and separatrix, has its advantages to the learner; though one thoroughly conversant with decimals will experience no difficulty in omitting them. He will find it convenient to do so. Invariably, if the principal is dollars, the answer is cents; and if the principal is cents, the answer is hundredths of cents.

It should be understood that, as established by custom, 12 months of 30 days each, make an interest year; though, if it is desired, 365 may be substituted for 360 on the left; it makes only 1-75 part difference.

What is the interest on \$620.60, for 5 months and 12 days, at 7 per cent.?

In this example we have mixed time. 12 days is $\frac{2}{5}$ of a month. $5\frac{2}{5}$ may be reduced to an improper fraction, and the numerator, 27, placed on

$$\begin{array}{c|c}
5 & \$ 626.66 - 12412 - 3103 \\
\hline
3-12 & 7 \\
\hline
\$ 19.5489
\end{array}$$

the right, and the denominator, 5, on the left. In all cases, the numerator of a fraction occupies the same place that otherwise the whole number would; while the denominator is invariably placed opposite. Cancelling as before, we find the product of the remaining factors to be 195489; and since the principal is cents, we point off four figures from the right, and find the answer to be \$19.54 $\frac{89}{100}$.

What is the interest on \$600.60, for 31 years, at 42 per cent.?

We make $3\frac{1}{3}$ years $\frac{10}{3}$, and $4\frac{1}{2}$ per cent. $\frac{9}{2}$, and place 10 and 9 on the right, and 3 and 2 on the left. Since the only object in placing 12 and 30 on the left is to reduce the time to years, as the time is already in years, it is unnecessary to place anything more there. In all problems where the principal, time or rate per cent. is in mixed numbers, the fractions may be disposed of in this way, and not only much complexity be avoided, but all the small fractions which, for convenience, are frequently discarded in the ordinary methods, be brought into the solution.

We now have the statement:—Two into 10, five, and three into 9, three times; now $3 \times 5 \times 600.60 = 9009.00$. We now cut off two figures for cents, the hundredths being already indicated, and obtain the answer—\$90.09.

What is the interest on \$600, for 3 years, 6 months and 20 days, at 6 per cent.?

Here it is necessary to reduce all the years to months, and add in the given months; and likewise reduce the days to the fractional part of a month, and add the fraction to the months. In three years there are 36 months, and 6 more added, makes 42 months. Twenty days are $\frac{2}{3}$ of a month. The time, therefore, is $42\frac{2}{3}$, or $\frac{1}{3}$ months.

We give one more example without explanation. What is the interest on 80 cents, for 3 years, 8 months and 15 days, at 7 per cent.?

$$\begin{array}{c|c}
2 \\
3-\cancel{12} \\
\hline
3 \\
\hline
6230 \\
\hline
$.2076\frac{3}{3}
\end{array}$$

From the foregoing principles and operations, we are prepared to deduce the following:—

RULE FOR COMPUTING INTEREST ON ANY CONCEIVABLE PRINCIPAL, FOR ANY GIVEN TIME AND RATE.

Place the Principal, Time and Rate, on the right of a vertical line; and if the time is days, place 12 and 30 on the left; if the time is months, place 12 only on the left; and if the time is years, place nothing on the left.

If the Principal, Time or Rate is a mixed number, reduce it to an improper fraction, and place the numerator on the right, with the denominator on the left.

When the Principal is dollars, the answer is cents; in such case, two figures must be cut off for cents; when the Principal is cents, the answer is hundredths of cents; here, cut off two figures, from the right, for hundredths, two more for cents, and the remainder at the left is dollars. The figures thus cut off for cents, hundredths, &c., must be whole numbers; while any existing fraction will be only a fractional part of such cents or hundredths.

When the Time is months and days, or years, months and days, reduce

the years to months, and add in all the given months; then reduce the days to the fractional part of a month, and annex this fraction to the whole number of months; reduce all to an improper fraction, and place the numerator on the right and the denominator on the left. In such case divide by 12 only. If the time cannot be reduced to the fractional part of a month, reduce the whole time, years, months and days, to days, and divide by 30 and 12.

If the time is years and months, reduce the months to the fractional part of a year; add to the years; reduce all to an improper fraction, and divide by the denominator only.

It is sometimes impossible to cancel in questions of interest; and, when in this case, the product of all the numbers on the right must be divided by the product of all the numbers on the left, the query may arise as to what benefit is derived by computing interest in this way, if, at times, it is necessary to go through the same process of multiplication and division, as in the old system. The benefit results from the fact that, whatever may be the principal, time or rate, the problems can be wrought by this one, simple rule, without an additional one for every varying rate; because the statement can be easily made and understood by any person of ordinary intelligence; because the work is unique and systematic, and in most cases can be greatly abbreviated by canceling; and finally, because it obviates the complicated nature of questions involving fractions, and avoids the losses occasioned by discarding them, as is frequently done in the ordinary method.

To compute interest on notes, we must ascertain the time which elapses between the period when interest commences, and that on which the payment is made. The following method of subtracting the former from the latter date, will be found very convenient.

A note for \$500, dated May 27, 1849, on interest, was paid January 12, 1852. What was the time for which interest should be computed?

Years. Mos. Days. 1852—1—12 1849—5—27

After arranging the former time under the latter, thus, if the number of days in the lower line is

Time 2—7—15 larger than that in the upper, 30 days must be added to the upper line, and the subtraction made from the whole number above, and the remainder set under the days. One is carried to the lower line of months. If this number of months is larger than that above, 12 must be added above and the subtraction continued as before. It will be observed that the months are placed down according to the order they occupy in the year. January is the first month; hence we use the figure 1; so May, being the fifth month, the figure 5 is used.

ALMANAC OR CALENDAR FOR TWENTY YEARS.

| | C B A G 1864 1865 1866 | | | F 1867 | E D 1868 | C 1869 | B 1870 | A 1871 | G 18' | | | | |
|----|--|-----|----------|----------|------------|-----------|-----------|-----------|-----------|------------|---------------|---------|--|
| | D C 1874 1875 | | | B A 1876 | G 1877 | F 1878 | | | F 1881 | 188 | | | |
| 1 | 8 | 15 | 22 | 29 | Sunday. | Satur'y | Friday. | Thurs' | yWedn | 'y Tue | sd'y | Mond'y. | |
| 2 | 9 | 16 | 23 | 30 | Mond'y. | Sunday. | Satur'y | Friday | Thurs | 'y We | d n' y | Tuesd'y | |
| 3 | 10 | 17 | 24 | 31 | Tuesd'y | Mond'y. | Sunday | Satur' | y Frida | y. Thu | ırs'y | Wedn'y | |
| 4 | 11 | 18 | 25 | | Wedn'y | Tuesd'y | Mond'y | Sunday | Z. Satur | r'y Friday | | Thurs'y | |
| 5 | 12 | 19 | 26 | | Thurs'y | Wedn'y | Tuesd'y | Mond'y | Z. Sunda | y. Satı | ır'y. | Friday. | |
| 6 | 6 13 20 27 . Friday. | | Friday. | Thurs'y | Wedn'y | Tuesd' | y Mond' | y. Sun | day. | Satur'y. | | | |
| 7 | 14 | 21 | 28 | | Satur'y | Friday. | Thurs'y | Wedn' | yTuesd | y Mon | ıd'y. | Sunday. | |
| J | an. | & | O | et. | A | В | C | D | Е | _ I | r_ | G | |
| | N | Iay | 7. | | В | C | D | E | F | | 7 | A . | |
| | August. | | C | D | E | F | G | A | _ | В | | | |
| Fe | FebMarNov | | ov | D E | | F | G A | | I | 3 | C | | |
| | June. | | | Е | F | G | A | В | (| | D | | |
| Se | Sept. & Dec. | | ec. | F | G | A | В | C | I |) | E | | |
| A | Apr. & July. | | ly. | G | A | В | C | D | I | 3 | F | | |

Explanation.—Find the Year, and observe the Letter above it; then look for the Month, and in a line with it find the Letter of the Year: above the Letter find the Day; and the figures on the left in the same line, are the days of the same name in the month. Leap years have two letters; the first is used till the end of February, and the second during the remainder of the year.

Examples.—1st. Suppose it is desired to find on what day of the month the second Tuesday in August, 1873, will fall. At the top of the table we find that the year 1873 is represented by the letter E. and in the column of months on the left we find August; we next follow to the right three spaces, to the letter E; now trace upward from E to Tuesday, and at the left of Tuesday we find that in 1873 the Tuesdays in August will be represented by the 5th, 12th, 19th and 26th days of the month, and that the 12th day of August is the day sought for. 2d. Suppose we desire to find on what day of the week, Christmas, 1880, will fall. This being Leap Year, and the time after February, we use the letter C. Now find December in the column of months, and follow out to the right till we find C; now up to Saturday, which by looking to the left we find to be the 25th, the day sought for. the day sought for.

TABLE OF WAGES,

FOR HOURS, DAYS AND WEEKS, BY THE WEEK.

| 00^{5-6} $01\frac{2}{3}$ $03\frac{1}{3}$ | | \$2.00 | \$2.50 | \$3.00 | \$3.50 | \$4.00 |
|--|--|--|--|---|---|--|
| $.03\frac{1}{3}$ | .014 | $.01\frac{2}{3}$ | .021-12 | $02\frac{1}{2}$ | . 0211-12 | $.03\frac{1}{3}$ |
| | .021 | .031 | .041-6 | .05 | .05 5-6 | .063 |
| | .05 | .06% | $.08\frac{1}{3}$ | .10 | .112 | .131 |
| .05 | $.07\frac{1}{2}$ | .10 | .121 | .15 | $.17\frac{1}{2}$ | .20 |
| $.06\frac{2}{3}$ | .10 | $\overline{13\frac{1}{3}}$ | .16% | .20 | .231 | .263 |
| .081 | $12\frac{1}{2}$ | $16\frac{2}{3}$ | .20 5-6 | .25 | .29 1-6 | .331 |
| .10 | .15 | .20 | .25 | .30 | .35 | .40 |
| $.11\frac{2}{3}$ | .17½ | .231 | .29 1-6 | .35 | .40 5-6 | $46\frac{2}{3}$ |
| .131 | .20 | $26\frac{2}{3}$ | .331 | .40 | $-46\frac{2}{3}$ | $.53\frac{1}{3}$ |
| .15 | $.22\frac{1}{2}$ | .30 | $37\frac{1}{2}$ | .45 | .52½ | .60 |
| | | | | | | |
| .163 | .25 | $.33\frac{1}{3}$ | .41% | .50 | $.58\frac{1}{3}$ | .663 |
| $.33\frac{1}{3}$ | .50 | $.66\frac{2}{3}$ | $.83\frac{1}{3}$ | 1.00 | $1.16\frac{3}{3}$ | 1.331 |
| .50 | .75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 |
| $.66\frac{2}{3}$ | 1.00 | 1.331 | $1.66\frac{2}{3}$ | 2.00 | $2.33\frac{1}{3}$ | $2.66\frac{2}{3}$ |
| .831 | 1.25 | $1.66\frac{2}{3}$ | 2.081 | 2.50 | 2.913 | $3.33\frac{1}{3}$ |
| .00 | 1.50 | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 |
| | | | | | | |
| \$4.50 | \$5.00 | \$5.50 | \$6.00 | \$6.50 | \$7.00 | \$7.50 |
| $.03\frac{3}{4}$ | .04 1-6 | .047-12 | .05 | .055-12 | .05 5-6 | $.06\frac{1}{4}$ |
| $.07\frac{1}{2}$ | .081 | 0016 | 10 | 10-1 | | |
| .012 | | .001-0 | .10 | .10 5-6 | | $.12\frac{1}{2}$ |
| .15 | $16\frac{2}{3}$ | .181 | .20 | $\frac{.10^{5-6}}{.21\frac{2}{3}}$ | .231 | $\frac{.12\frac{1}{2}}{.25}$ |
| | $\frac{.16\frac{2}{3}}{.25}$ | | $\frac{.20}{.30}$ | | | $\frac{.25}{.37\frac{1}{2}}$ |
| .15 | | .181 | .20 | .213 | .231 | .25 |
| $\frac{.15}{.22\frac{1}{2}}$ | .25 | $\frac{.18\frac{1}{3}}{.27\frac{1}{2}}.$ | $\frac{.20}{.30}$ | $\frac{21\frac{2}{3}}{32\frac{1}{2}}$ | $\frac{.23\frac{1}{3}}{.35}$ | $\frac{.25}{.37\frac{1}{2}}$ |
| $.15$ $.22\frac{1}{2}$ $.30$ | $\frac{.25}{.33\frac{1}{8}}$ | $ \begin{array}{r} .18\frac{1}{3} \\ \hline .27\frac{1}{2} \\ \hline .36\frac{2}{3} \end{array} $ | .20 .30 .40 | $ \begin{array}{r} \hline .21\frac{2}{3} \\ \hline 32\frac{1}{2} \\ \hline .43\frac{1}{3} \end{array} $ | $ \begin{array}{r} .23\frac{1}{8} \\ .35 \\ .46\frac{2}{3} \\ .58\frac{1}{3} \\ .70 \end{array} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \end{array} $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{3} \\ .41\frac{2}{3} \end{array} $ | $ \begin{array}{r} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45 \cdot 5-6 \\ .55 \\ .64 \cdot 1-6 \end{array} $ | $ \begin{array}{r} $ | $ \begin{array}{r} $ | $ \begin{array}{r} .23\frac{1}{3} \\ .35 \\ .46\frac{2}{3} \\ .58\frac{1}{3} \end{array} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ .62\frac{1}{2} \end{array} $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \\ .45 \\ .52\frac{1}{2} \\ .60 \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{8} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \end{array} $ | $ \begin{array}{r} $ | .20 .30 .40 .50 .60 .70 .80 | $ \begin{array}{r} $ | $ \begin{array}{r} .23\frac{1}{8} \\ .35 \\ .46\frac{2}{3} \\ .58\frac{1}{3} \\ .70 \end{array} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ \hline .62\frac{1}{2} \\ .75 \end{array} $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \\ .45 \\ .52\frac{1}{2} \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{3} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \end{array} $ | $ \begin{array}{r} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45 \cdot 5-6 \\ .55 \\ .64 \cdot 1-6 \end{array} $ | .20 .30 .40 .50 .60 .70 | $ \begin{array}{r} $ | $ \begin{array}{r} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ \hline .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \end{array} $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \\ .45 \\ .52\frac{1}{2} \\ .60 \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{8} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \end{array} $ | $\begin{array}{c} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45\frac{5}{6} \\ .55 \\ .64\frac{1}{1-6} \\ .73\frac{1}{3} \\ .82\frac{1}{2} \end{array}$ | .20 .30 .40 .50 .60 .70 .80 | $\begin{array}{ c c c c c }\hline .21\frac{2}{3}\\\hline 32\frac{1}{2}\\\hline .43\frac{1}{3}\\\hline .54\frac{1}{1-6}\\\hline .65\\\hline .75\frac{5}{1-6}\\\hline .86\frac{2}{3}\\\hline .97\frac{1}{2}\\\hline \end{array}$ | $ \begin{array}{r} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ \hline .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \\ \hline 1.00 $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \\ .45 \\ .52\frac{1}{2} \\ .60 \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{8} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \end{array} $ | $ \begin{array}{r} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45 \cdot 56 \\ .55 \\ .64 \cdot 1-6 \\ .73\frac{1}{3} \end{array} $ | .20 .30 .40 .50 .60 .70 .80 | | $ \begin{array}{r} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ \hline .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \\ \hline 1.00 $ |
| $ \begin{array}{c} .15 \\ .22\frac{1}{2} \\ .30 \\ .37\frac{1}{2} \\ .45 \\ .52\frac{1}{2} \\ .60 \\ .67\frac{1}{2} \end{array} $ | $ \begin{array}{r} .25 \\ .33\frac{1}{8} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{8} \\ .66\frac{2}{3} \\ .75 \end{array} $ | $\begin{array}{c} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45\frac{5}{6} \\ .55 \\ .64\frac{1}{1-6} \\ .73\frac{1}{3} \\ .82\frac{1}{2} \end{array}$ | .20 .30 .40 .50 .60 .70 .80 | $\begin{array}{ c c c c c }\hline .21\frac{2}{3}\\\hline 32\frac{1}{2}\\\hline .43\frac{1}{3}\\\hline .54\frac{1}{1-6}\\\hline .65\\\hline .75\frac{5}{1-6}\\\hline .86\frac{2}{3}\\\hline .97\frac{1}{2}\\\hline \end{array}$ | $ \begin{array}{r} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \\ 1.00 \\ 1.12\frac{1}{2} $ |
| .15 .22½ .30 .37½ .45 .52½ .60 .67½ | $ \begin{array}{r} .25 \\ .33\frac{1}{3} \\ .41\frac{3}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \\ .75 \end{array} $ | $\begin{array}{c} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45\frac{5}{6} \\ .55 \\ .64\frac{1}{6} \\ .73\frac{1}{3} \\ .82\frac{1}{2} \\ \hline \end{array}$ | .20 .30 .40 .50 .60 .70 .80 .90 | | $ \begin{array}{r} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \\ 1.00 \\ 1.12\frac{1}{2} \\ \end{array} $ |
| $\begin{array}{c} .15\\ .22\frac{1}{2}\\ .30\\ .37\frac{1}{2}\\ .45\\ .52\frac{1}{2}\\ .60\\ .67\frac{1}{2}\\ .75\\ 1.50\\ \end{array}$ | $\begin{array}{c} .25 \\ .33\frac{1}{8} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \\ .75 \\ \hline \\ \hline 00000000000000000000000000000000000$ | $\begin{array}{c} .18\frac{1}{3} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45 \cdot 6 \\ \hline .55 \\ .64 \cdot 1.6 \\ \hline .73\frac{1}{3} \\ .82\frac{1}{2} \\ \hline \\ \hline91\frac{2}{3} \\ \hline 1.83\frac{1}{3} \\ \end{array}$ | .20 .30 .40 .50 .60 .70 .80 .90 | $\begin{array}{ c c c c c }\hline .21\frac{3}{3} \\ \hline 32\frac{1}{2} \\ .43\frac{1}{3} \\ .541.6 \\ .65 \\ .755.6 \\ .86\frac{2}{3} \\ .97\frac{1}{2} \\ \hline \\ \hline 1.08\frac{1}{3} \\ \hline 2.16\frac{2}{3} \\ \hline \end{array}$ | $ \begin{array}{c c} $ | $ \begin{array}{r} .25 \\ .37\frac{1}{2} \\ .50 \\ .62\frac{1}{2} \\ .75 \\ .87\frac{1}{2} \\ 1.00 \\ 1.12\frac{1}{2} \\ \end{array} $ |
| $\begin{array}{c} .15\\ .22\frac{1}{2}\\ .30\\ .37\frac{1}{2}\\ .45\\ .52\frac{1}{2}\\ .60\\ .67\frac{1}{2}\\ .75\\ 1.50\\ 0.25\\ \end{array}$ | $ \begin{array}{r} .25 \\ .33\frac{1}{3} \\ .41\frac{2}{3} \\ .50 \\ .58\frac{1}{3} \\ .66\frac{2}{3} \\ .75 \\ \\ \hline 00000000000000000000000000000000000$ | $ \begin{array}{c c} .18\frac{1}{8} \\ .27\frac{1}{2} \\ .36\frac{2}{3} \\ .45 \cdot 56 \\ .55 \\ .64 \cdot 1-6 \\ .73\frac{1}{3} \\ .82\frac{1}{2} \\ \hline 0000000000000000000000000000000000$ | .20 .30 .40 .50 .60 .70 .80 .90 1.00 2.00 3.00 | $\begin{array}{ c c c c c c }\hline .21\frac{3}{3} \\ \hline 32\frac{1}{2} \\ .43\frac{1}{3} \\ \hline .54^{1.6} \\ .65 \\ \hline .75^{5.6} \\ .86\frac{2}{3} \\ .97\frac{1}{2} \\ \hline \hline & & \\ \hline \\ \hline$ | $\begin{array}{c}23\frac{1}{3} \\35 \\46\frac{2}{3} \\58\frac{1}{3} \\70 \\81\frac{2}{3} \\93\frac{1}{3} \\ 1.05 \\ \hline \\ 1.16\frac{2}{3} \\33\frac{1}{3} \\ 3.50 \\ \end{array}$ | $\begin{array}{c} -25 \\ -37\frac{1}{2} \\ -50 \\ -62\frac{1}{2} \\ -75 \\ -87\frac{1}{2} \\ \hline 1.00 \\ 1.12\frac{1}{2} \\ \hline \end{array}$ |
| .15 .22 .30 .37 .45 .52 .60 .67 | 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |

| Hours. | \$8 | \$9 | \$10 | \$11 | \$12 | \$13 | \$14 | \$15 |
|---------|-------------------|------------------|-------------------|-------------------|-------|--------------------|--------------------|-----------------|
| 1/2 | .063 | $.07\frac{1}{2}$ | .081 | . 09 1-6 | .10 | . 10 5-6 | $.11\frac{2}{3}$ | $12\frac{1}{2}$ |
| 1 | $13\frac{1}{3}$ | .15 | $.16\frac{2}{3}$ | $18\frac{1}{3}$ | .20 | $.21\frac{2}{3}$ | $.23\frac{1}{3}$ | .25 |
| 2 | $.26\frac{2}{3}$ | .30 | .331 | $.36\frac{2}{3}$ | .40 | .431 | $46\frac{2}{3}$ | .50 |
| 3 | .40 | .45 | .50 | .55 | .60 | .65 | .70 | .75 |
| 4 | .531 | .60 | $66\frac{2}{3}$ | $.73\frac{1}{3}$ | .80 | $86\frac{2}{3}$ | $.93\frac{1}{3}$ | 1.00 |
| 5 | $-66\frac{2}{3}$ | .75 | $.83\frac{1}{3}$ | $.91\frac{2}{3}$ | 1.00 | $1.08\frac{1}{3}$ | $1.16\frac{2}{3}$ | 1.25 |
| 6 | .80 | .90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 7 | $.93\frac{1}{8}$ | 1.05 | $1.16\frac{2}{3}$ | $1.28\frac{1}{3}$ | 1.40 | $1.51\frac{2}{3}$ | $1.63\frac{1}{3}$ | 1.75 |
| 8 | $1.06\frac{2}{3}$ | 1.20 | $1.33\frac{1}{3}$ | $1.46\frac{2}{3}$ | 1.60 | 1.731 | $1.86\frac{2}{3}$ | 2.00 |
| 9 | 1.20 | 1.35 | 1.50 | 1.65 | 1.80 | 1.95 | 2.10 | 2.25 |
| DAYS. | | |] | 1 | | 1 | i | 1 |
| 1 | 1.331 | 1.50 | $1.66\frac{2}{3}$ | $1.83\frac{1}{3}$ | 2.00 | $2.16\frac{2}{3}$ | 2.331 | 2 50 |
| 2 | $2.66\frac{2}{3}$ | 3.00 | $3.33\frac{1}{8}$ | $3.66\frac{2}{3}$ | 4.00 | $4.33\frac{1}{3}$ | $4 66\frac{2}{3}$ | 5.00 |
| 3 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 |
| 4 | $5.33\frac{1}{3}$ | 6 00 | $6.66\frac{2}{3}$ | $7.33\frac{1}{3}$ | 8.00 | $8 66\frac{2}{3}$ | $9.33\frac{1}{3}$ | 10.00 |
| 5 | $6.66\frac{2}{3}$ | 7.50 | 8.331 | $9.16\frac{2}{3}$ | 10.00 | $10.83\frac{1}{3}$ | $11.66\frac{2}{3}$ | 12.50 |
| 1 WEEK. | 8.00 | 9.00 | 10 00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 |

EXPLANATION.

The heavy figures at the head of the columns indicate the wages per week. The figures in the first column indicate the number of hours or days, according to the heading, ten hours being regarded equal to a day. The figures in the remaining columns indicate the amount of the wages for the time given in the first column, at the price given at the head of the column.

EXAMPLE.—What will be the amount of eight hours labor at \$4.50 per week? In the first column marked Hours we look for the figure 8, and on the same horizontal line, at the right, under the figures \$4.50 at the head of the column, we find 60 cents, the amount required.

To find the amount for five days, look in the column Days for the figure 5, and in the column headed \$4.50, we find \$3.75, the sum desired.

To find the amount when the wages per week are greater than any indicated in the table, take the sum of any two or more numbers at the head of the columns, making the required amount, and add the numbers indicating the wages for the given time, and their sum will be the amount required. The wages at \$24 per week are equal to the amount at \$15 and \$9, or twice the amount at \$12. At \$23 per week the amount will be the sum of the numbers indicated in the columns for \$15 and \$8.

WAGES BY THE MONTH

OF TWENTY-SIX DAYS.

| DAYS. | \$4 | \$5 | \$6 | \$7 | \$8 | \$9 | \$10 | \$11 | \$12 | \$13 | \$14 |
|-------------------------|------------------|-------|---------------------|---------------------|----------------------|---------------------|------------------------------|--------------------|---------|---------------------|---------------------|
| 1 | $\frac{1}{0.15}$ | 0.19 | 0.23 | $\frac{0.27}{0.27}$ | 0.31 | 0.35 | 0.38 | $\frac{.}{0.42}$ | 0.46 | 0.50 | 0.54 |
| 2 3 | 0.31 | 0.39 | 0.46 | 0.54 | 0.62 | 0.69 | 0.77 | 0.85 | 0.92 | 1.00 | 1.08 |
| 3 | 0.46 | 0.57 | 0.69 | 0.81 | 0.92 | 1.04 | 1.15 | 1.27 | 1.38 | 1.50 | 1.62 |
| 4 | 0.62 | 0.77 | 0.93 | 1.07 | 1.23 | 1.38 | 1.54 | 1.69 | 1.85 | 2.00 | 2.15 |
| 5 | 0.77 | 0.96 | 1.15 | 1.34 | 1.54 | 1.73 | 1.92 | 2.12 | 2.31 | 2.50 | 2.69 |
| 6 | 0 83 | 1.15 | 1 38 | 1.62 | 1.85 | 2.08 | 2.31 | 2.54 | 2.77 | 3.00 | 3.23 |
| - 7 | 1.07 | 1.34 | 1.62 | 1.88 | 2.15 | 2 42 | 2.69 | 2.96 | 3.23 | 3.50 | 3.77 |
| 8 | 1.23 | 1.54 | 1.84 | 2.15 | 2.46 | 2 77 | 3.08 | 3.38 | 3.69 | 4.00 | 4.31 |
| 9 | 1.38 | 1.73 | 2.07 | 2.42 | 2.77 | 3.12 | 3.46 | 3.81 | 4.15 | 4.50 | 4.85 |
| 10 | 1.54 | 1.92 | 2.31 | 2.69 | 3.08 | 3.46 | 3.85 | 4.23 | 4.62 | 5.00 | 5.38 |
| 11 | 1.69 | 2.12 | 2.54 | 2 96 | 3 38 | 3.81 | 4.23 | 4.65 | 5.08 | 5.50 | 5.92 |
| 12 | 1.84 | 2.31 | 2.77 | 3.23 | 3.69 | 4.15 | 4.62 | 5.08 | 5.54 | 6.00 | 6.46 |
| 13 | 2.00 | 2 50 | 3.00 | 3.50 | 4.00 | 4.50 | | 5.50 | 6.00 | 6.50 | 7.00 |
| 14 | 2.15 | 2.69 | 3.23 | 3.77 | 4.31 | 4.85 | 5.38 | 5.92 | 6.46 | 7.00 | 7.54 |
| 15 | 2.31 | 2.88 | 3.46 | 4.04 | 4.62 | 5.19 | 5.77 | 6.35 | 6.92 | 7.50 | 8.08 |
| 16 | 2.46 | 3.08 | 3.69 | 4.31 | 4.92 | 5.54 | 6.16 | 6.77 | 7.38 | 8.00 | 8.62 |
| 17 | 2.61 | 3.27 | 3.92 | 4.58 | 5.23 | 5.88 | | 7.19 | 7.85 | 8.50 | 9.15 |
| 18 | 2 77 | 3.46 | 4.15 | 4.84 | 5.54 | 6.23 | | 7.62 | 8.31 | 9.00 | 9.69 |
| 19 | 2.93 | 3.62 | 4.38 | 5.11 | 5.85 | 6.58 | 7.31 | 8.04 | | 9.50 | 10.23 |
| 20 | 3.07 | 3.84 | 4.61 | 5.38 | 6.15 | 6.92 | 7.69 | 8.46 | 9.23 | 10.00 | |
| 21 | 3.23 | 4.04 | 4.84 | 5.65 | 6.46 | 7.27 | 8.08 | | | 10.50 | |
| 22 | 3 38 | 4.23 | 5.07 | 5.92 | 6.77 | 7.61 | 8.46 | | 10.15 | | |
| 23 | 3.54 | 4.42 | 5.31 | 6.19 | 7.08 | 7.96 | 8.85 | 9.73 | 10.62 | 11.50 | 12.38 |
| 24 | 3.69 | 4.61 | 5.54 | 6.46 | 7.38 | | | | 11.08 | | |
| 25 | 3 84 | 4.81 | 5.77 | 6.73 | 7.69 | 8.65 | 9.62 | 10.58 | 11.54 | 12.50 | 13.46 |
| 26 | 4.00 | 5.00 | 6.00 | | 8.00 | | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 |
| DAYS. | \$15 | \$16 | \$17 | \$18 | \$19 | \$20 | \$21 | \$22 | \$23 | \$24 | \$25 |
| 1 | 0.58 | 0.62 | 0.00 | 0.69 | $\frac{-0.73}{0.73}$ | $\frac{-950}{0.77}$ | $\frac{\Phi^{\sim 1}}{0.81}$ | $\frac{922}{0.84}$ | 0.88 | $\frac{9.94}{0.92}$ | $\frac{6.96}{0.96}$ |
| $\frac{1}{2}$ | 1.15 | 1.23 | 1.31 | 1.38 | 1.46 | 1.54 | 1.62 | 1.70 | 1.77 | 1.84 | 1.92 |
| ž | 1.73 | 1.85 | 1.96 | 2.08 | 2.19 | 2.31 | 2.42 | 2.54 | | 2.74 | |
| 4 | 2.31 | 2.46 | 2.62 | $\frac{2.77}{2.77}$ | 2.92 | 3.08 | 3.23 | 3.38 | | $\frac{1}{3.70}$ | 3.85 |
| 5 | 2.88 | | $\frac{2.02}{3.27}$ | $\frac{3.46}{3.46}$ | 3.65 | 3.85 | 4.04 | | | 4 62 | 4.81 |
| 6 | 3.46 | 3.69 | 3.92 | 4.15 | 4.38 | 4.62 | 4.85 | | 5.31 | 5.54 | 5.77 |
| 7 | 4.04 | | 4.58 | $\frac{4.15}{4.85}$ | 5.12 | 5.38 | 5.65 | 5.92 | 6.19 | 6.46 | 6.73 |
| 8 | 4.62 | 4.92 | 5.23 | 5.54 | 5.85 | 6.16 | 6.46 | 6.76 | | 7.38 | 7.69 |
| 9 | 5.19 | 5.54 | 5.88 | 6.23 | 6.58 | | 7.27 | 7.62 | 7.96 | 8.30 | 8.65 |
| 10 | 5.77 | 6.15 | 6.54 | 6.92 | 7 31 | 7.69 | 8.08 | 8.46 | 8 85 | 9.24 | |
| 11 | 6.35 | 6.77 | 7.19 | 7.62 | 8.04 | 8.46 | 8.88 | 9.30 | | 10.16 | |
| 12 | 6.92 | 7.38 | 7 85 | 8.31 | 8.77 | 9.23 | | | 10.62 | | |
| 13 | 7 50 | 8.00 | 8.50 | 9.00 | | | | | 11.50 | | |
| 14 | 8.08 | | 9.15 | | | | | | 12.38 | | |
| 15 | 8.65 | | | | | | | | 13.27 | | |
| 16 | 9.23 | | | | | | | | 14.15 | | |
| 17 | 9.81 | 10.46 | 11.12 | 11.77 | 12.42 | 13.08 | 13,73 | 14.38 | 15.04 | 15.70 | 16.35 |
| 18 | 10.38 | 11.08 | 11.77 | 12.46 | 13.15 | 13.85 | 14.54 | 15.24 | 15.92 | 16 62 | 17.31 |
| 19 | 10.96 | 11.69 | 12.42 | 13.15 | 13.88 | 14.62 | 15.35 | 16.08 | 16 81 | 17.54 | 18.27 |
| 20 | 11.54 | 12.31 | 13.08 | 13.85 | 14.62 | 15.38 | 16.15 | 16.92 | 17.69 | 18.46 | 19.23 |
| $\tilde{2}_{1}^{\circ}$ | 12.12 | 12.92 | 13.73 | 14.54 | 15.35 | 16,16 | 16.96 | 17.76 | 18.58 | 19.38 | 20.19 |
| $\tilde{2}^{1}_{2}$ | 12 69 | 13.54 | 14.38 | 15.23 | 16:08 | 16.92 | 17.77 | 18 62 | 19.46 | 20.30 | 21.15 |
| 23 | 13 27 | 14.15 | 15.04 | 15.92 | 16.81 | 17.69 | 18.58 | 19.46 | 20.35 | 21.24 | 22.11 |
| 24 | 13.85 | 14.77 | 15.69 | 16.62 | 17.54 | 18.46 | 19.38 | 20.30 | [21.23] | 22.16 | 23.08 |
| 25 | 14.42 | 15.38 | 16.35 | 17.31 | 18.27 | 19.23 | 20.19 | 21.16 | 22.12 | 23.08 | 24.04 |
| | | | | | | | | | | | |
| 26 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | 21.00 | 22.00 | 23.00 | 24.00 | 25.00 |

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